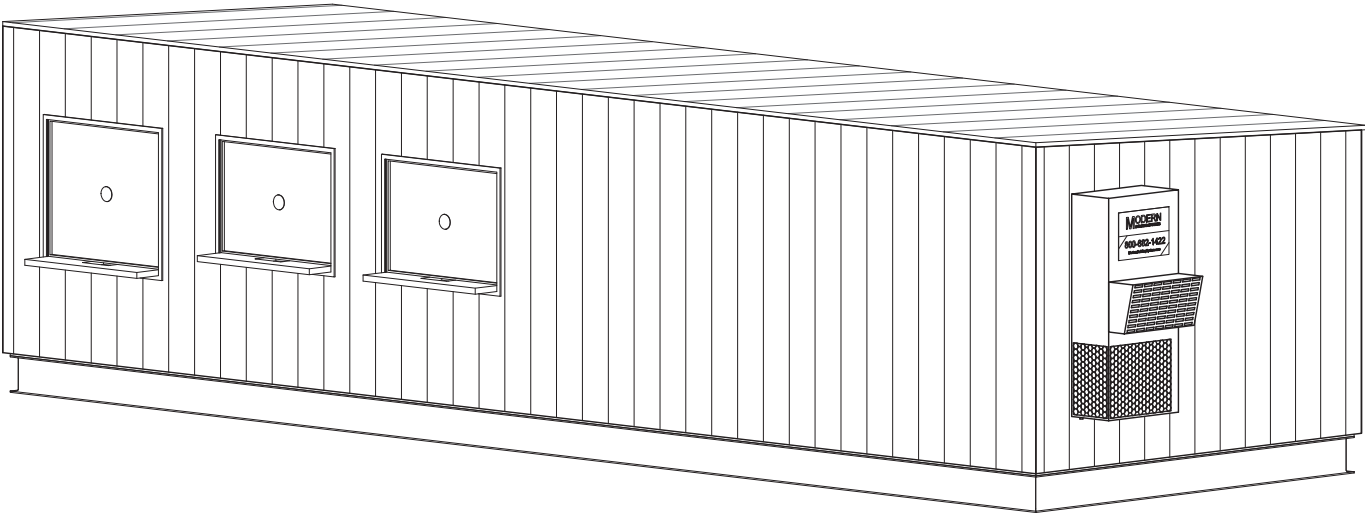
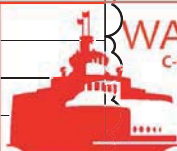


HOFFMAN TICKET BOOTH

13' x 40' MODULAR OFFICE



SHEET INDEX			
Sht. No.	Sheet Name	Current Rev.	Rev Issued By
A 0.0	COVER SHEET	TBD	LA
A 0.1	GENERAL NOTES	TBD	LA
A 0.3	SYMBOLS & ABBREVIATIONS		
A 1.0	FLOOR PLAN	TBD	LA
A 2.0	EXTERIOR ELEVATIONS	TBD	LA
A 2.1	EXTERIOR ELEVATIONS	TBD	LA
A 3.0	FINISH PLAN (NOT USED)		
A 3.1	FINISH NOTES		
A 3.2	SCHEDULES	TBD	LA
A 3.3	DATA SCHEDULES		
A 4.0	INTERIOR ELEVATIONS	TBD	LA
A 5.0	WINDOW/DOOR DETAILS	TBD	LA
S 4.4	DETAILS	TBD	LA
E 0.1	ELECTRICAL LEGEND & NOTES	TBD	LA
E 1.0	ELECTRICAL PLAN	TBD	LA
E 2.0	LIGHTING PLAN		
E 3.0	ELEC. PANELS & LOAD CALCS.	TBD	LA
M 0.1	HVAC NOTES & LEGEND		
M 1.0	HVAC PLAN	TBD	LA



WA State Ferries
C-9074 Colman Dock

Submittal #: 565.2

☐ APPROVED

☒ APPROVED AS NOTED
Resubmittal Needed

☐ PARTIALLY APPROVED AS NOTED
Revise & Resubmit as Noted

☐ REVISE & RESUBMIT

Comments:

By: Ce Date: 25Apr2019

CUSTOMER APPROVAL

☐ APPROVED

☒ APPROVED EXCEPT AS NOTED

☐ REVISE AS NOTED AND RESUBMIT

BY 4-26-19

DATE Ce

PLEASE REVIEW AND COMMENT ON THESE DOCUMENTS. PLEASE RETURN APPROVED SET OR COMMENTS BY 04/25/19

FAILURE TO RESPOND BY THIS DATE COULD CAUSE DELAYS, INCREASED COSTS, INABILITY TO INCORPORATE YOUR CHANGES OR ALL OF THE ABOVE

CHECK, SIGN, DATE, AND RETURN
BY 04/25/19
(WITH MARK UPS IF REQUIRED)

HOFFMAN CONSTRUCTION COMPANY

This submittal has been reviewed for general conformance with the contract documents. Contractor's review does not relieve the Vendor/Subcontractor of responsibility for compliance with all requirements of the contract, including completeness and accuracy of this submittal.

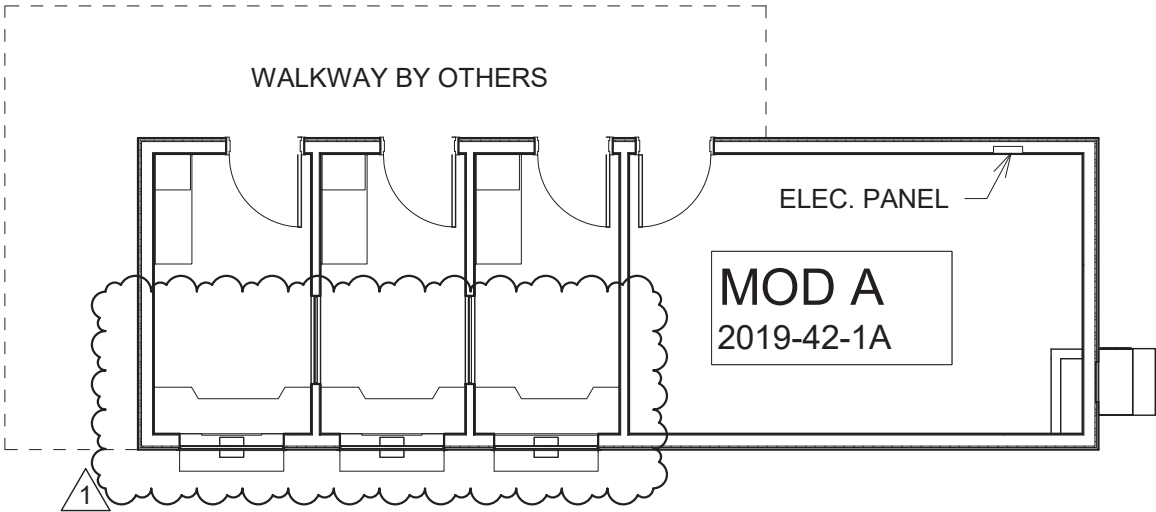
Bryan Lammers

4/23/19

Date

565.2

Submittal #



1 SITE LAYOUT
1/8" = 1'-0"

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1	CUSTOMER	TBD	LA		PROJ.	13' x 40' MODULAR OFFICE HOFFMAN TICKET BOOTH	SHEET # A 0.0
					ADDRESS 841 ALASKAN WAY, SEATTLE, WA 98104		DRW LA DATE 4/16/19

GENERAL NOTES

1. THE TERM IBC SHALL APPLY TO THE CURRENT EDITION OF THE INTERNATIONAL BUILDING CODE (IBC) AS AMENDED BY THE STATES OF OREGON AND WASHINGTON. FOR PROJECTS IN ALL OTHER STATES IT SHALL APPLY TO THE CURRENT EDITION OF THE UBC OR IBC AS ADOPTED BY THAT STATE.
2. ALL CONTROLS AND HARDWARE SHALL BE ACCESSIBLE TO PERSONS WITH DISABILITIES.
3. LOCAL JURISDICTION TO DETERMINE COMPLIANCE WITH IBC CHAPTER 29 (WITH REGARD TO ADJACENT FACILITIES) IN ACCORDANCE WITH THEIR CURRENTLY ADOPTED EDITION OF THE IBC.
4. WHERE REQUIRED, PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED IN ACCORDANCE WITH 2015 IFC SECTION 906
5. PER WAC 296-150F-0605 REQUIRES TOILET FACILITIES LOCATED IN AN ADJACENT FACILITY TO BE NOTED ON THE PLAN SUBMITTAL AND THAT THE REQUIREMENTS OF IBC CHAPTER 29, SECTION 2902, TABLE 2902.1 OF THE STATE BUILDING CODE MUST BE VERIFIED BY THE LOCAL JURISDICTION BUILDING OFFICIAL AND SHOWN ON THE NLEA.
6. IF APPLICABLE, FIRE ALARM SYSTEM TO BE FIELD INSTALLED (BY OTHERS) PER 2015 IBC SECTION 907.2.3, GROUP E. SEE ELECTRICAL PLAN FOR DEVICE LOCATIONS. FIRE ALARM INSPECTION AND APPROVAL PER LOCAL AUTHORITY HAVING JURISDICTION.
7. IF APPLICABLE, FIRE SAFETY AND EVACUATION PLANS SHALL BE PROVIDED BY OWNER PRIOR TO CERTIFICATE OF OCCUPANCY PER 2015 IFC SECTION 403
8. AN ACCESSIBLE ROUTE SHALL BE PROVIDED TO THE BUILDING AREA AS REQUIRED IN 2015 IBC SECTION 1104

FOR REFERENCE ONLY

DESIGN CRITERIA

GENERAL:

CONSTRUCTION TYPE	IIB (NON-SPRINKLERED)
OCCUPANCY GROUP	B
OCCUPANCY LOAD	6
DISTANCE TO PROPERTY LINE OR ASSUMED PROPERTY LINE	FRONT: 10' MIN. REAR: 10' MIN. LEFT: 10' MIN. RIGHT: 10' MIN.
EXTERIOR WALL RATING	FIRE SEPARATION DISTANCE 10' OR GREATER, NO RATING REQUIRED, PER IBC TABLE 602

ELECTRICAL:

ELECTRICAL SERVICE LOAD	100A / 120/208V / 3 PH. 14.7 kVA
-------------------------	-------------------------------------

MECHANICAL:

VENTILATION OCCUPANCY LOAD	5
CLIMATE ZONE	4C/5B
HEATING	SPV/HP
AIR-CONDITIONING	YES

PLUMBING:

PLUMBING OCCUPANCY LOAD	6 (3 MALE/3 FEMALE)
QUANTITY OF PLUMBING FIXTURES	0 (SEE GENERAL NOTE #3)

STRUCTURAL:

REQUIRED SPECIAL INSPECTIONS	WELDING AT FLOOR BEAMS AND ROOF JOIST WEB STIFFENERS
ROOF SNOW LOAD	25 PSF
FLOOR LIVE LOAD	50 PSF
WIND LOAD	Lambda = 1.0 Vult = 140 MPH (Vasd = 108 MPH) 3 SECOND GUST - EXP. D
SEISMIC	BEARING WALL SYSTEM: S _s = 1.372, F _a = 1.000 S _{DS} = 0.915, RISK CATEGORY II I _e = 1.0, SEISMIC DESIGN CATEGORY D, SITE CLASS D

THIS SET OF PLANS PREPARED AND SUBMITTED FOR APPROVAL UNDER THE FOLLOWING CODES:

BUILDING	2015 IBC/WAC 51-50
MECHANICAL	2015 IMC/WAC 51-52
FIRE	2015 IFC/WAC 51-54A
PLUMBING	2015 UPC/WAC 51-56
ENERGY	2015 WSEC/WAC 51-11C
ELECTRICAL	2017 NEC



REV.	DESCRIPTION	DATE	BY
1	CUSTOMER	TBD	LA

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SHEET GENERAL NOTES

PROJ. 13' x 40' MODULAR OFFICE
HOFFMAN TICKET BOOTH

ADDRESS 841 ALASKAN WAY, SEATTLE, WA 98104

JOB# 2019-AR-42

SHEET # A 0.1

DATE 4/16/19

TYPICAL SYMBOLS LEGEND

	NORTH ARROW
	ELEVATION BUBBLE
	SECTION BUBBLE
	DETAIL BUBBLE
	DETAIL CALLOUT
	GRID BUBBLE
	ELEVATION LEVEL
	MODULE TAG
	WALL TAG
	DOOR TAG
	WINDOW TAG
	REVISION TAG
	CENTERLINE
	KEYNOTE

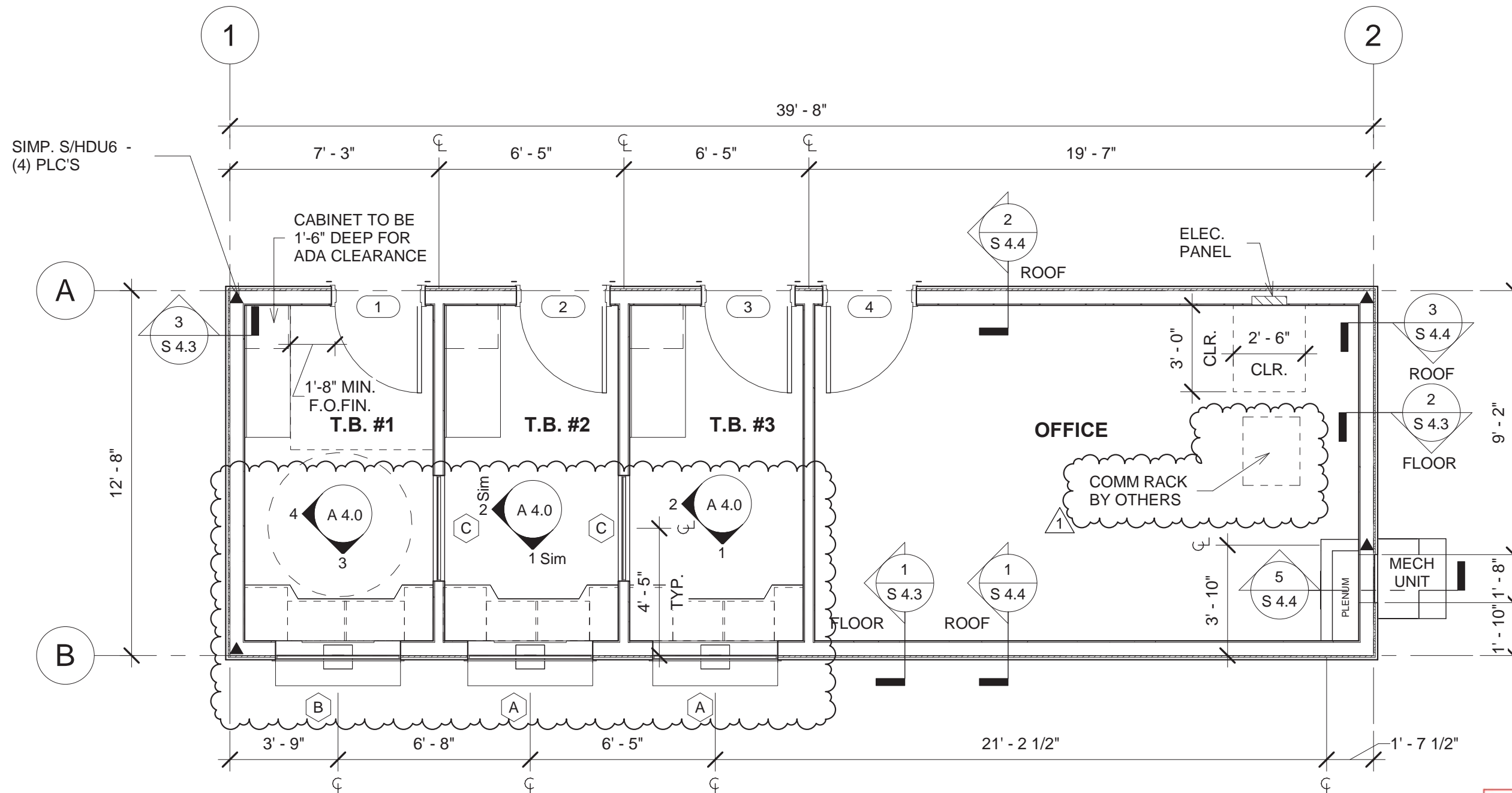
ABBREVIATIONS

A.B.	ANCHOR BOLT	INFO.	INFORMATION	TTP	TAPE, TEXTURE & PAINT
ADJ.	ADJUSTABLE	INSUL.	INSULATION	TYP.	TYPICAL
A.F.F.	ABOVE FINISH FLOOR	INT.	INTERIOR	U.N.O.	UNLESS NOTED OTHERWISE
AL	ALUMINUM	KD	KNOCK DOWN	UR	URINAL
BA	BRONZE ANODIZED	L.	LONG	VCT	VINYL COMPOSITION TILE
BD.	BOARD	LAV	LAVATORY	V.C.	VINYL COATED
BLK.	BLOCK	LH	LEFT HAND	VWS	VINYL WRAP SURROUND
B.O.	BOTTOM OF	LHOS	LEFT HAND OUT SWING	W/	WITH
BOT.	BOTTOM	LVL	LAMINATED VENEER LUMBER	WC	WATER CLOSET
BRCH	BIRCH	MAX.	MAXIMUM	WD.	WOOD
BV.	BOTTOM VENT	MECH.	MECHANICAL	WH	WATER HEATER
CDR.	CEDAR	MFR.	MANUFACTURER		
CJ	CONTROL JOINT	MIN.	MINIMUM		
CL	CENTERLINE	MISC.	MISCELLANEOUS		
CLG.	CEILING	MOD	MODULE		
CLR.	CLEAR	MPL	MAPLE		
CMU	CONCRETE MASONRY UNIT	MTL.	METAL		
C.O.	CLEAN OUT	MV	MIXING VALVE		
CONC.	CONCRETE	N.I.C.	NOT IN CONTRACT		
CONT.	CONTINUOUS	NOM.	NOMINAL		
CPT	CARPET	NRW	NARROW (LITE)		
DBL.	DOUBLE	NTS	NOT TO SCALE		
DF	DRINKING FOUNTAIN	OBS	OBSCURE		
DIA.	DIAMETER	O.C.	ON CENTER		
DIM.	DIMENSION	OFCI	OWNER FURNISHED CONTRATOR INSTALLED		
DS	DOWNSPOUT	OFOI	OWNER FURNISHED OWNER INSTALLED		
DTL	DETAIL	OPP.	OPPOSITE		
DW	DISHWASHER	O.S.B.	ORIENTED STRAND BOARD		
EA.	EACH	PD	PUNCH & DIMPLE		
ELEC.	ELECTRICAL	PF	PREFINISHED		
ELEV.	ELEVATIONS	PLAM	PLASTIC LAMINATE		
EQUIP.	EQUIPMENT	PLCS	PLACES		
EXIST.	EXISTING	PLYWD	PLYWOOD		
EXT.	EXTERIOR	PNT	PAINT		
E.W.	EACH WAY	P.T.	PRESSURE TREATED		
FD	FLOOR DRAIN	REFRIG.	REFRIGERATOR		
FDN	FOUNDATION	REQ'D	REQUIRED		
F.E.	FIRE EXTINGUISHER	RH	RIGHT HAND		
F.E.C.	FIRE EXTINGUISHER CABINET	RHOS	RIGHT HAND OUT SWING		
FGL	FIBERGLASS	R.O.	ROUGH OPENING		
FLR.	FLOOR	SC	SOLID CORE		
FIN.	FINISH	SF	STOREFRONT		
F.O.FIN.	FACE OF FINISH	SH	SINGLE HUNG		
F.O.FRM.	FACE OF FRAMING	SHT.	SHEET		
FS	FLOOR SINK	SHTG.	SHEATHING		
GA.	GAUGE	SIM.	SIMILAR		
GALV.	GALVANIZED	SIMP.	SIMPSON		
GLB	GLULAM BEAM	SQ.	SQUARE		
GYP.	GYPSUM	S.S.	STAINLESS STEEL		
HB	HOSE BIB	STN.	STAIN		
HC	HOLLOW CORE	STRUCT.	STRUCTURAL		
HF	HEM FIR	TIM.	TIMELY		
HM	HOLLOW METAL	TMP	TEMPERED SAFETY GLAZING		
HSS	HOLLOW STRUCTURAL SECTION	T.O.	TOP OF		

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					PROJ. 13' x 40' MODULAR OFFICE HOFFMAN TICKET BOOTH		SHEET # A 0.3
					ADDRESS 841 ALASKAN WAY, SEATTLE, WA 98104		DRW LA DATE 4/16/19

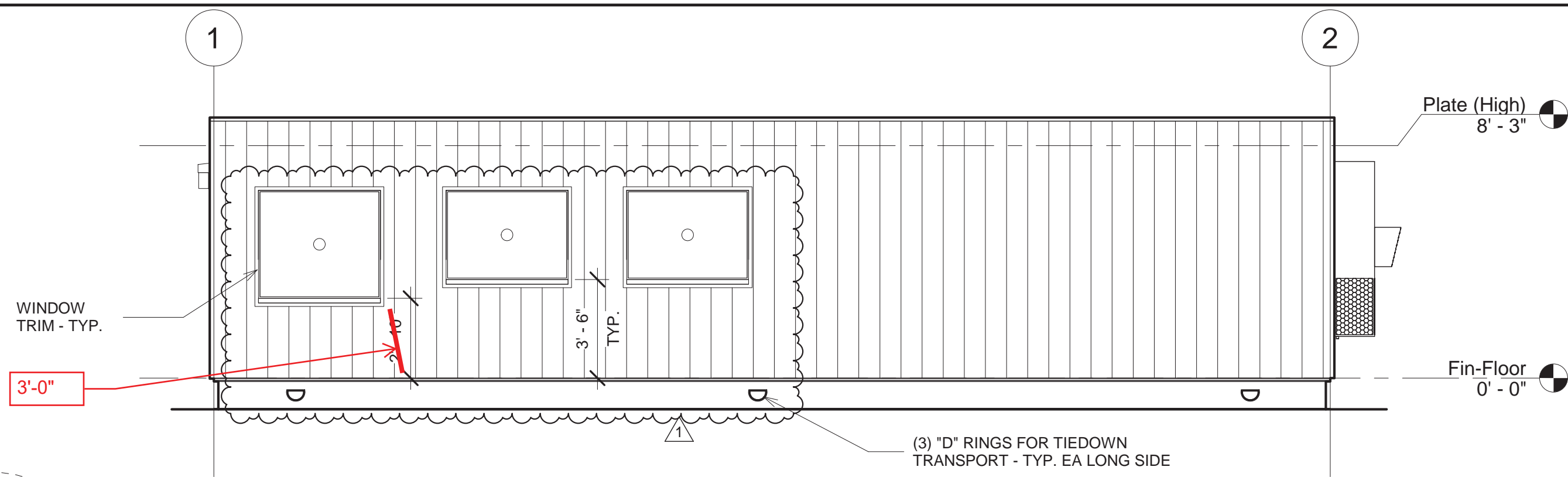


1 FLOOR PLAN
1/4" = 1'-0"

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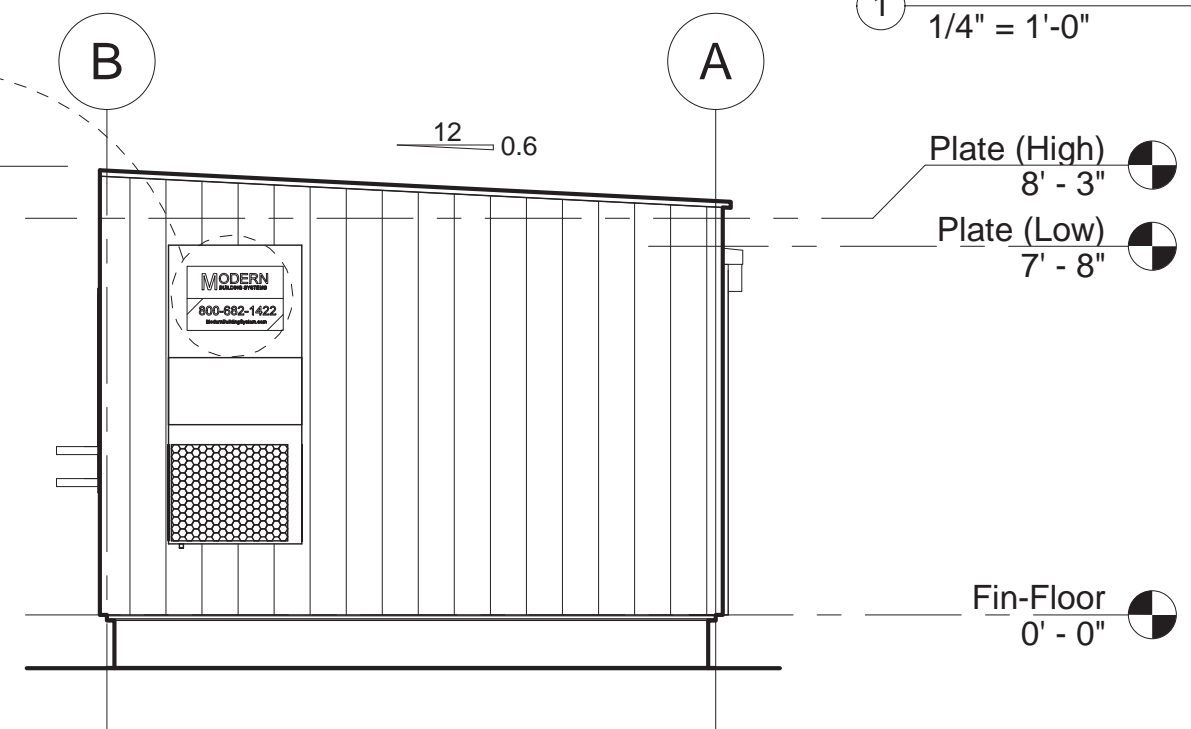
REV.	DESCRIPTION	DATE	BY				SHEET FLOOR PLAN		JOB# 2019-AR-42
1	CUSTOMER	TBD	LA				PROJ. 13' x 40' MODULAR OFFICE HOFFMAN TICKET BOOTH		SHEET # A 1.0
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				 MODERN BUILDING SYSTEMS, INC. TELEPHONE: (503) 749-4948 FAX: (503) 749-4950 P.O. BOX 110, 9493 PORTER ROAD, AUMSVILLE, OR 97325 CHECK OUT OUR WEB PAGE: www.modernbuildingsystems.com © MODERN BUILDING SYSTEMS, INC. 2019			DRW LA		



1 SOUTH ELEVATION
1/4" = 1'-0"




SHIPPING HEIGHT = 13' - 1 1/4"

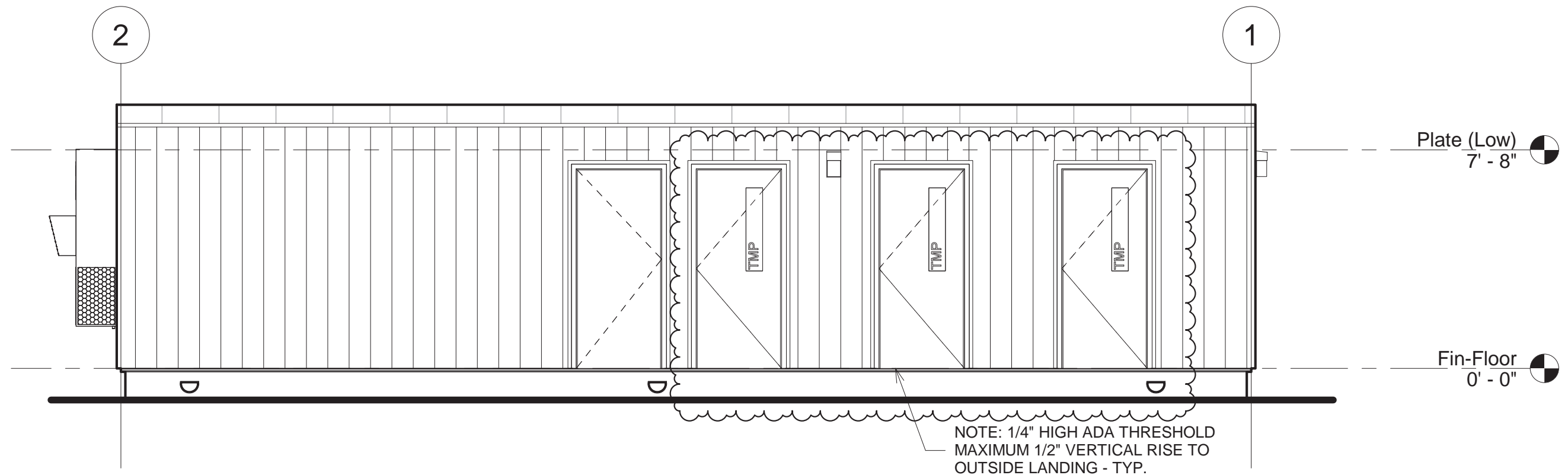


2 EAST ELEVATION
1/4" = 1'-0"

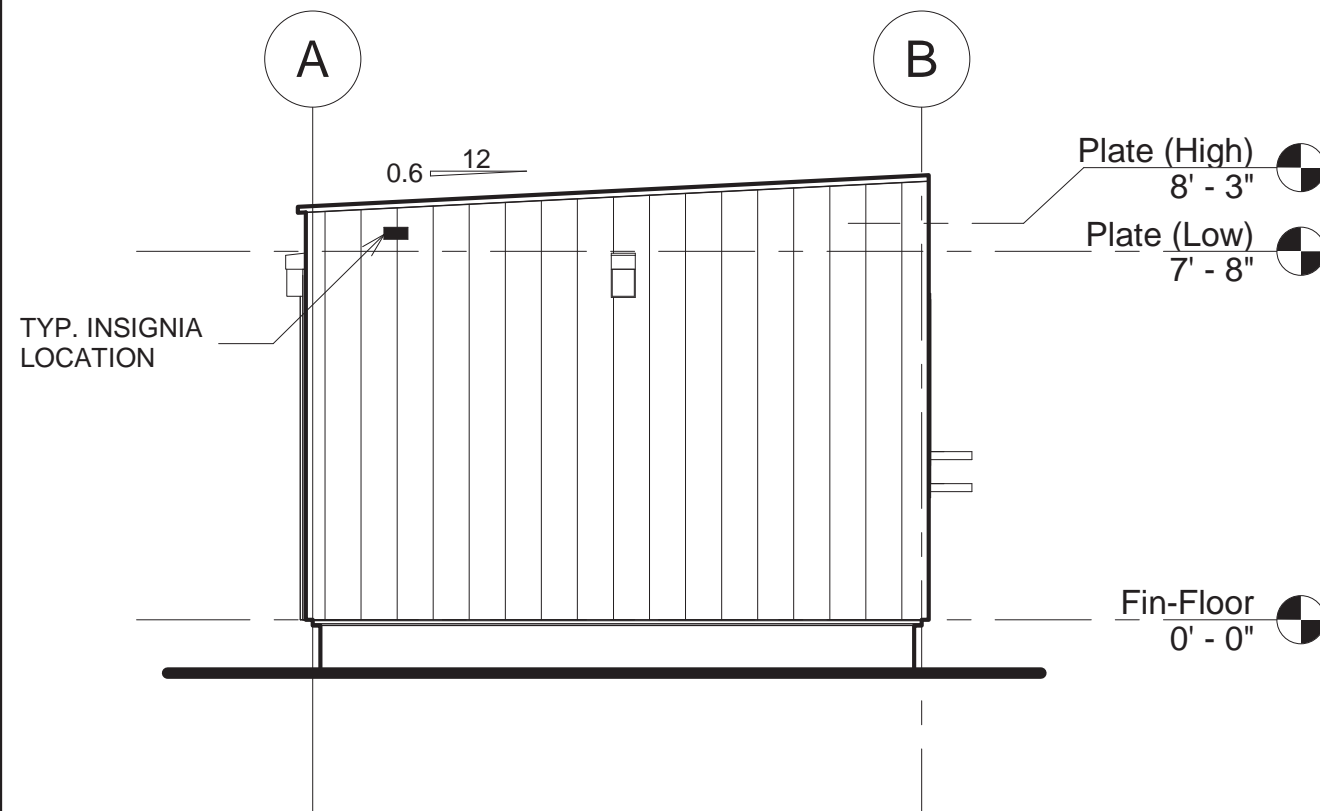


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1	CUSTOMER	TBD	LA		PROJ. 13' x 40' MODULAR OFFICE HOFFMAN TICKET BOOTH	SHEET # A 2.0	
					ADDRESS 841 ALASKAN WAY, SEATTLE, WA 98104	DRW LA	DATE 4/16/19



1 NORTH ELEVATION
1/4" = 1'-0"



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2 WEST ELEVATION
1/4" = 1'-0"



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1	CUSTOMER	TBD	LA		PROJ. 13' x 40' MODULAR OFFICE	SHEET #	
					HOFFMAN TICKET BOOTH	A 2.1	
					ADDRESS 841 ALASKAN WAY, SEATTLE, WA 98104	DATE 4/16/19	
					DRW LA		

FLOOR CONSTRUCTION

FINISH: VCT THRU-OUT

BASE: 4" VINYL THRU-OUT

UNDERLAYMENT: 1/4" HARDI BACKER

SUBFLOOR: 23/32" F.R.T. PLYWOOD
(ACTS AS 1 PERM MAX. VAPOR BARRIER)
(ACTS AS AIR BARRIER)

JOISTS: 800S250-54 (50 KSI) AT 24" O.C.

PERIMETER RIM: W 12 x 22 (PRIME & PAINT)

OFFSET RIMS: NONE

INSULATION: R-30 U (FIBERGLASS BATTS), R-6 (RIGID)

BOTTOM CLOSURE: 26 GA FLAT MTL SHEET

EXTERIOR WALL CONSTRUCTION

PLATE HEIGHT: 7'-8" AT GRID "A", 8'-3" AT GRID "B"

SIDING: 24 GA 1" x 12" TAYLOR METAL FLAT PAN
SMOOTHWALL OVER HENRY BLUESKIN BLDG WRAP

SHEATHING: 23/32" F.R.T. PLYWOOD

STUDS: 550S162-33 (33 KSI) AT 24" O.C. W/ 550T150-33 (33 KSI)
TRACK AT TOP AND BOTTOM

INSULATION: R-19 U (FIBERGLASS BATTS), R-6 (RIGID)
SEE DOOR AND WINDOW SCHEDULE FOR SIZE.

INTERIOR FINISH: 5/8" TYPE 'X' GYPSUM BOARD W/
TAPE/TEXTURE PAINT (TTP), USE DRYWALL PANEL
ADHESIVE AT STUDS
(ACTS AS 1 PERM MAX. VAPOR BARRIER)
(ACTS AS AIR BARRIER)

SKIRT: NONE

INTERIOR WALL CONSTRUCTION

PLATE HEIGHT: SLOPED UP FROM 7'-8" AT GRID "A"
TO 8'-3" AT GRID "B"

STUDS: 350S162-33 (33 KSI) AT 24" O.C. W/ 350T150-33 (33KSI)
TRACK AT TOP AND BOTTOM

INTERIOR FINISH: 5/8" TYPE 'X' GYPSUM BOARD W/
TAPE, TEXTURE PAINT (TTP), USE DRYWALL PANEL
ADHESIVE AT STUDS

CEILING NOTES

CEILING HEIGHT: SLOPED UP

CEILING: 5/8" TYPE 'X' GYPSUM BOARD W/ TAPE, TEXTURE
PAINT (TTP)

INSULATION: R-6 (RIGID)

ROOF CONSTRUCTION

ROOFING: 24 GA 12" ACCENT RIB STANDING SEAM OVER
ICE & WATER SHIELD

SHEATHING: 23/32" F.R.T. PLYWOOD
(ACTS AS AIR BARRIER)

FRAMING: 800S250-54 (50 KSI) AT 24" O.C.

BEAMS: NONE

INSULATION: R-28 (CELLULOSE) W/ FS-25, R-6 (RIGID)
(ACTS AS 1 PERM MAX. VAPOR BARRIER)

OVERHANG: 1-1/2" AT GRID "A"

ROOF PITCH: 0.6 IN 12

EXTERIOR NOTES

CORNER BATTS: CO - OUTSIDE CORNER (SEE A 3.5)

FASCIA: NONE

BARGE: NONE

WINDOW/DOOR TRIM: CF - FLASHING (SEE A 3.4)

GUTTERS: 4" K-LINE (PREFINISHED)

DOWNSPOUTS: 2" x 3" RECT. (PREFINISHED)

STANDARD SHEATHING FASTENING - U.N.O.

FROM ESR-1539 JULY 2018

	SPACING	TYPE	MIN. LENGTH
FLOOR SHEATHING (UNBLOCKED)			
23/32" F.R.T. PLYWOOD*	6" EDGE 12" FIELD	#8 SD SCREWS	1-1/2"
FLOOR UNDERLAYMENT (GLUE AND STAGGER JOINTS)			
1/4" HARDI BACKER	8" EDGE 8" FIELD	#8 SP SCREWS	1-1/2"
SHEATHING (UNBLOCKED)			
23/32" F.R.T. PLYWOOD	6" EDGE 12" FIELD	#8 SD SCREWS	1-1/2"
ROOF SHEATHING (UNBLOCKED)			
23/32" F.R.T. PLYWOOD	6" EDGE 12" FIELD	#8 SD SCREWS	1-1/2"

* NOTE: AT W12 FLR RIM FASTEN 23/32" F.R.T. PLYWD WITH HILTI X-U 0.157 x 1.25

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					PROJ. 13' x 40' MODULAR OFFICE HOFFMAN TICKET BOOTH		SHEET # A 3.1
					ADDRESS 841 ALASKAN WAY, SEATTLE, WA 98104	DRW LA	DATE 4/16/19



DOOR SCHEDULE

Mark	Width	Height	Thickness	Door Swing	Core	Lite Size	Lite Glass	Face	Door Finish	Frame Type	Frame Finish	Throat	R.O. Type	Hdw Group	Fire Rating	Door Header	U-Value	Remarks
1	3' - 0"	7' - 0"	1 3/4"	LH	HM	NRW	CLR / TMP	MTL	PT	HM	PT	7 1/4"	G	1	-	(2) 550S162-33	.22	
2	3' - 0"	7' - 0"	1 3/4"	LH	HM	NRW	CLR / TMP	MTL	PT	HM	PT	7 1/4"	G	1	-	(2) 550S162-33	.22	
3	3' - 0"	7' - 0"	1 3/4"	LH	HM	NRW	CLR / TMP	MTL	PT	HM	PT	7 1/4"	G	1	-	(2) 550S162-33	.22	
4	3' - 0"	7' - 0"	1 3/4"	RH	HM	-	-	MTL	PT	HM	PT	7 1/4"	G	1	-	(2) 550S162-33	.22	

- NOTES:
- 1. CAULK AND SEAL ALL EXTERIOR DOORS
 - 2. ALL EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT (U.N.O.)
 - 3. ALL DOOR LEADS 4-1/2" (U.N.O.)
 - 4. ALL DOORS TO HAVE A OPENING FORCE NOT EXCEED 5 POUNDS
 - 5. DOOR SURFACES WITHIN 10" OF THE FLOOR MEASURED VERTICALLY, SHALL BE SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR PER SECTION 2009 A117.1 404.2.9

WINDOW SCHEDULE

Mark	Count	Width	Height	Type	Frame	Glass	SHGC	U-VAL	Air Leakage	Ext. Trim	Int. Trim	Window Header	Comments
A	2	4' - 4"	3' - 4"	FIXED	AL	SINGLE / TMP / TINT (SEE NOTE #2)	0.45	0.81	-	CF	-	(2) 550S162-33	CUSTOM W/ CRL 834A SPEAK THRU, SIZES INCLUDES DEAL TRAY FOR RO'S
B	1	4' - 4"	4' - 6"	FIXED	AL	SINGLE / TMP / TINT (SEE NOTE #2)	0.45	0.81	-	CF	-	(2) 550S162-33	CUSTOM W/ CRL 834A SPEAK THRU, SIZES INCLUDES DEAL TRAY FOR RO'S
C	2	3' - 8"	3' - 2"	FIXED	AL	SINGLE / TMP	0.00	0.00	-	CF	-	-	CUSTOM W/ CRL 834A SPEAK THRU

- NOTES:
- 1. CAULK AND SEAL ALL EXTERIOR WINDOWS
 - 2. LLUMAR -TINT FILM VE50 SR CDF (VISTA RADIANCE) ON INTERIOR SIDE OF WINDOW OR EQUAL

HARDWARE SCHEDULE

GROUP #1	GROUP #2	GROUP #3	GROUP #4	GROUP #5	GROUP #6	GROUP #7
1-1/2 PAIR BUTTS LEVER/LEVER W/ LOCK (D53PD) CLOSER WEATHER-STRIP DOOR SWEEP 1/2" MAX. ACCESSIBLE THRESHOLD						

FOR REFERENCE ONLY



REV.	DESCRIPTION	DATE	BY	SHEET SCHEDULES										JOB# 2019-AR-42
1	CUSTOMER	TBD	LA	PROJ. 13' x 40' MODULAR OFFICE HOFFMAN TICKET BOOTH										SHEET # A 3.2
				ADDRESS 841 ALASKAN WAY, SEATTLE, WA 98104										DATE 4/16/19

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P.O. BOX 110, 9493 PORTER ROAD, AUMSVILLE, OR 97325
CHECK OUT OUR WEB PAGE: www.modernbuildingsystems.com
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ADDRESS 841 ALASKAN WAY, SEATTLE, WA 98104

DRW LA

DOOR ROUGH OPENING SCHEDULE			
EXTERIOR DOORS			
A	METAL DOORS W/ HOLLOW METAL FRAME (WELDED)		
	R.O. WIDTH	CALL SIZE + 4-1/2"	
	R.O. HEIGHT	CALL SIZE + 2-1/8"	
B	DBL. METAL DOORS W/ HOLLOW METAL FRAME (WELDED)		
	R.O. WIDTH	CALL SIZE + 4-1/2"	
	R.O. HEIGHT	CALL SIZE + 2-1/8"	
C	STOREFRONT DOOR		
	R.O. WIDTH	CALL SIZE + 4-1/2"	
	R.O. HEIGHT	CALL SIZE + 2-1/8"	
D	TIMELY SPLIT MEDIA DOOR		
	R.O. WIDTH	CALL SIZE + 1-1/4"	
	R.O. HEIGHT	CALL SIZE + 1"	
E1	METAL DOOR W/ WOOD FRAME (PEASE AND STANLEY) (INSWING)		
	R.O. WIDTH	CALL SIZE + 2"	
	R.O. HEIGHT	CALL SIZE + 2"	
E2	METAL DOOR W/ WOOD FRAME (PEASE AND STANLEY) (OUTSWING)		
	R.O. WIDTH	CALL SIZE + 2"	
	R.O. HEIGHT	CALL SIZE + 1-9/16"	
F	METAL DOOR W/ METAL FRAME (FAST-FRAME)		
	R.O. WIDTH	CALL SIZE + 1-1/4"	
	R.O. HEIGHT	CALL SIZE + 1"	
G	METAL DOOR W/ HOLLOW METAL FRAME (KNOCK-DOWN)		
	R.O. WIDTH	CALL SIZE + 2"	
	R.O. HEIGHT	CALL SIZE + 1"	
INTERIOR DOORS			
1	HOLLOW / SOLID WOOD DOOR W/ WOOD FRAME		
	R.O. WIDTH	CALL SIZE + 2"	
	R.O. HEIGHT	CALL SIZE + 2-1/8"	
2	TIMELY FRAME		
	R.O. WIDTH	CALL SIZE + 1-1/4"	
	R.O. HEIGHT	CALL SIZE + 1"	
3	POCKET DOOR		
	R.O. WIDTH	2x CALL SIZE + 2"	
	R.O. HEIGHT	CALL SIZE + 4"	
4	BI-PASS DOOR		
	R.O. WIDTH	CALL SIZE	
	R.O. HEIGHT	CALL SIZE + 2-1/8"	
5	BI-FOLD DOOR		
	R.O. WIDTH	CALL SIZE	
	R.O. HEIGHT	CALL SIZE + 5/8"	

NOTE: ALL TRIMMER HEIGHTS = R.O. CALL SIZE MINUS 1-1/2"

AREA SCHEDULE (Gross Building)		
AREA TYPE	NO. MODS	AREA
Gross Building Area	1	502 SF

ROOF SCHEDULE	
DESCRIPTION	AREA
ROOF SHEATHING AND RIGID INSULATION	503 SF
ROOF	525 SF

WALL SCHEDULE	
DESCRIPTION	LENGTH
EXTERIOR	103' - 3"
INTERIOR	42' - 0"

OCCUPANT LOAD SCHEDULE			
FUNCTION OF SPACE	Area	LOAD FACTOR	OCCUPANT LOAD
OFFICE	216 SF	100	3
TICKET BOOTH #1	76 SF	100	1
TICKET BOOTH #2	70 SF	100	1
TICKET BOOTH #3	70 SF	100	1
Total			6

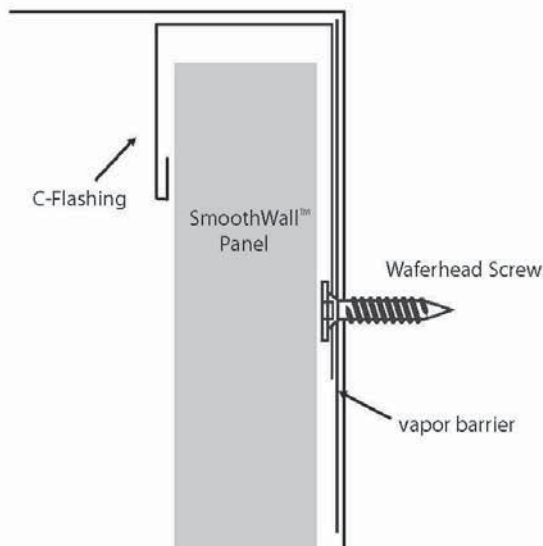
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						PROJ. 13' x 40' MODULAR OFFICE		SHEET #	
						HOFFMAN TICKET BOOTH		A 3.3	
						ADDRESS 841 ALASKAN WAY, SEATTLE, WA 98104		DRW LA	
								DATE 4/16/19	

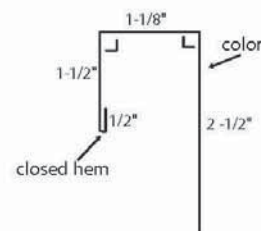


C-Flashing



CF C-Flashing

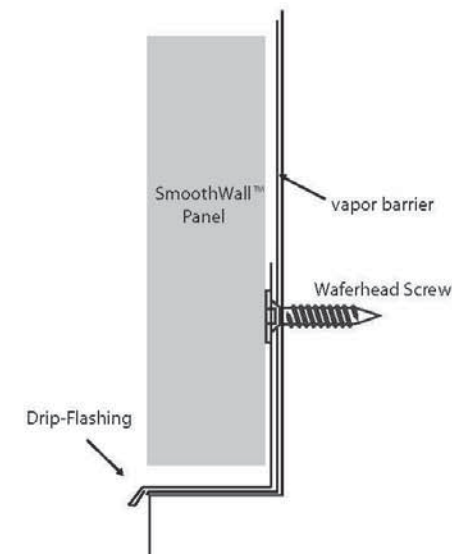
C-flashings are commonly used to flash the ends and sides of the panels. The purpose is to trim the panels for the best appearance. C-flashings also typically used around the sides and bottom of windows and doors.



SmoothWall™ C-Flashing Application

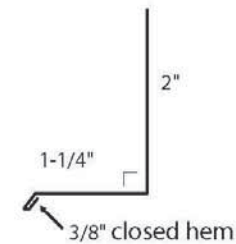
- The C-flashings are applied to the wall, attached every 24" to 48" with a waferhead screw. Apply C-flashing at the top of the wall or when starting and finishing panel runs if no corners are used. For longer runs, it is usually better to apply 10' of flashing on each end at a time, that way you don't have to slide panels a great distance.
- Slide the wall panels into the channel created by the C-flashing. The short leg of the panel should be pointed into the C-flashing at the start of the run. Be sure to fasten the panel to the structure at least every 24" through the wide flange of the panel.
- Successive panels are installed the same way, but are installed so they attach to the previous panel. Push the panels together so there is little or no gap between them.

Drip Flashing



DP Drip Flashing

The drip flashing is used to cap the bottom of the wall panels and to keep water from draining onto a ledge/sill or to drain away from a foundation. Also used above doors and windows.



SmoothWall™ Drip Flashing Application

Place the drip flashing over the ledge/sill at the bottom of the wall.

Fasten the drip flashing to the wall with a waferhead screw through the upright 2" leg every 24" to 48".

Install the first panel so the bottom is 1/16" to 1/8" from the base of the flashing.

Subsequent panels are to be installed the same as the first, so that they are even and uniform.

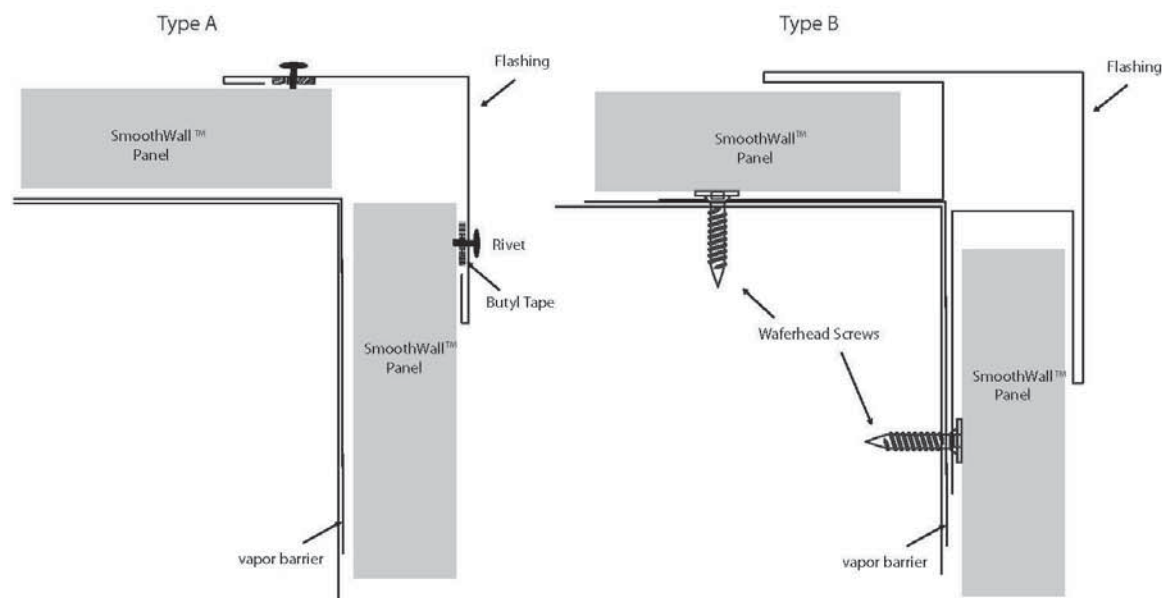
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				MODERN BUILDING SYSTEMS, INC. TELEPHONE: (503) 749-4948 FAX: (503) 749-4950 P.O. BOX 110, 9493 PORTER ROAD, AUMSVILLE, OR 97325 CHECK OUT OUR WEB PAGE: www.modernbuildingsystems.com © MODERN BUILDING SYSTEMS, INC. 2019			PROJ. 13' x 40' MODULAR OFFICE HOFFMAN TICKET BOOTH		SHEET # A 3.4
							ADDRESS 841 ALASKAN WAY, SEATTLE, WA 98104		DATE 4/16/19





Outside Corner Flashing

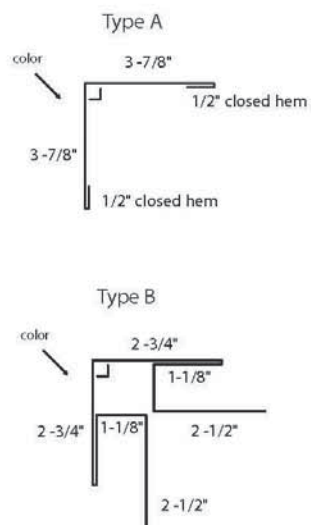


CO Outside Corner

There are two types of outside corner flashing:

Option A: This option is a simple angle which is attached to the panels themselves.

Option B: This flashing is attached to the structure and the panels are fitted into the channels on the flashing.

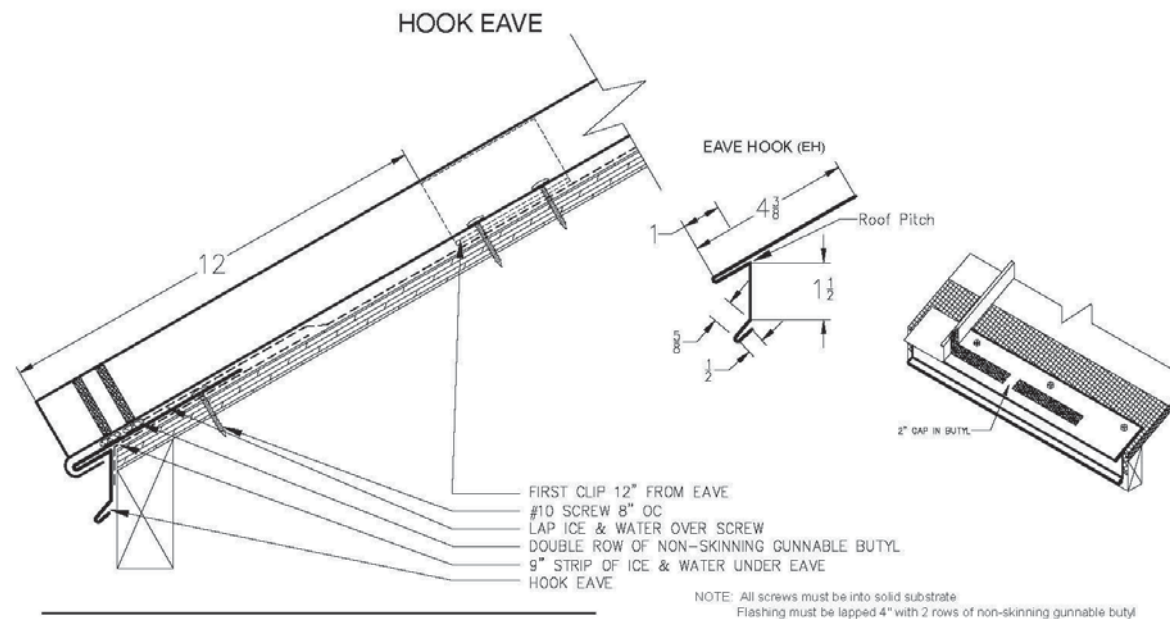


Outside Corner Flashing Application

Type A
Install the panels on the wall running the panels to the corner. Trim as necessary.
Run a strip of butyl tape or caulking on the inside of the flashing, 1" in from each outside edge of the corner flashing.
Attach the outside corner flashing to the panels with a rivet or a woodfast screw every 24" on both sides of the corner flashing, placing the fastener through the butyl tape.

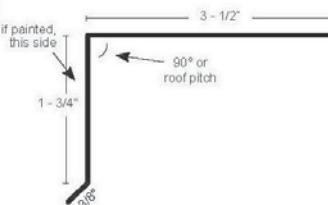
Type B
Install the outside corner flashing to the corner of the structure, using a waferhead type screw every 24".
Fit the edges of the panels into the channel of the corner flashing.
Rivet the panels into place as needed.

Eave Flashing



ELELP Eave Low Pitch for less than 3/12 Pitch

Specify:
• Roof Pitch
• With or without standard drip lip



Eave Flashing Application

- Install eave flashing prior to panel installation (if gutters are installed you may need to notch out for gutter fasteners)
- Use Waferhead Screws and fasten to substrate 18" to 24" or as needed.
- Allow 1" to 2" lap and apply sealant to overlap.
- Apply 2 1/4" beads of sealant along top leg of eave flashing 1" +/- from outside edge. (You may also use butyl mastic)
- Install fascia leg into the gutter.
- Insulate between dissimilar metals.
- Note: Customize flashing for more or less coverage.
- Note: If you experience panel crowning back bend panels at the bottom of panel or turn down edge.

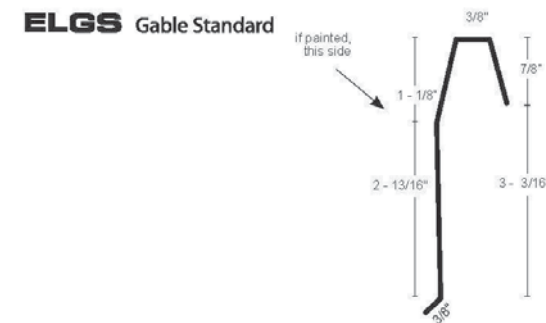
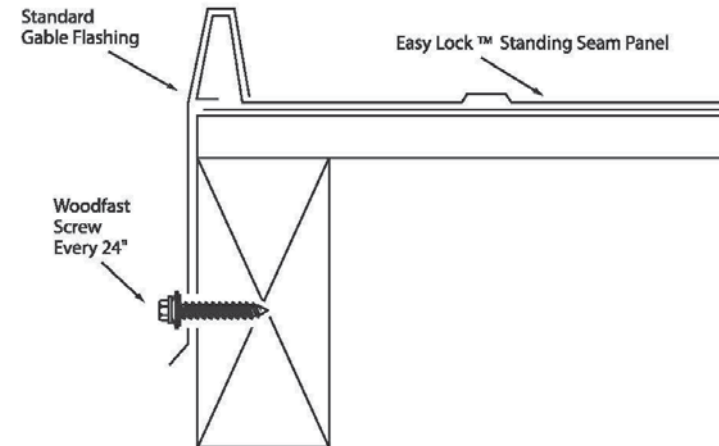
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						PROJ. 13' x 40' MODULAR OFFICE HOFFMAN TICKET BOOTH	SHEET # A 3.5
						ADDRESS 841 ALASKAN WAY, SEATTLE, WA 98104	DATE 4/16/19

Gable Flashing

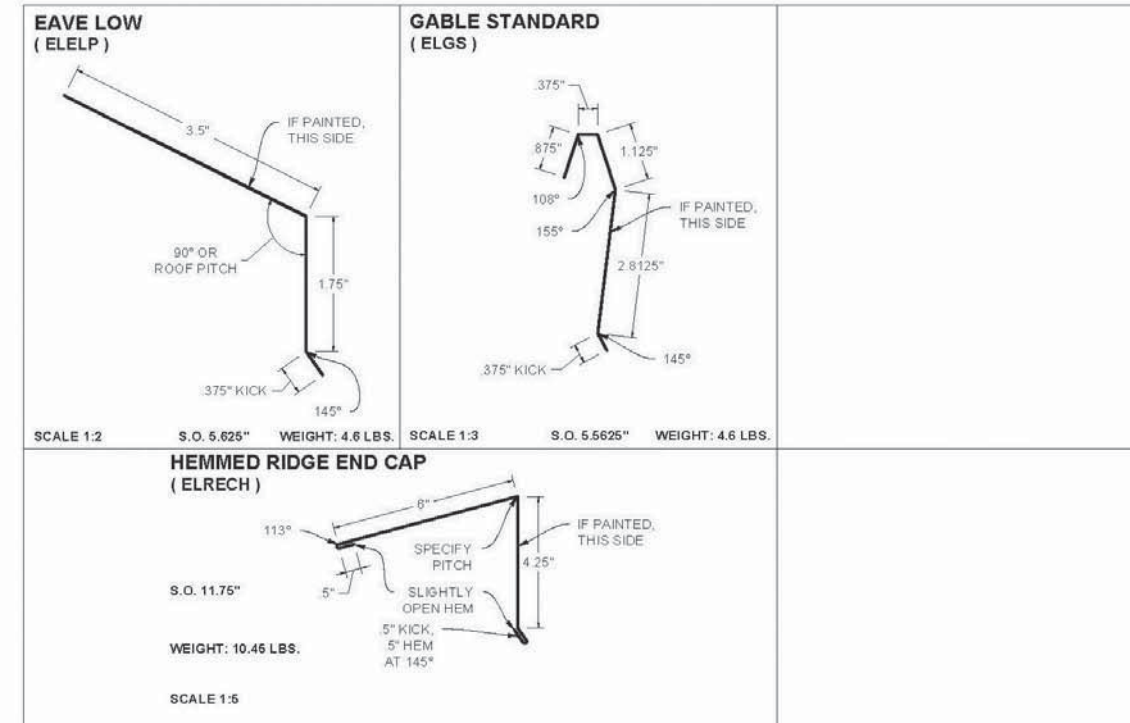


Gable Flashing Application

- Install to hold down beginning and/or ending panel(s).
- Trim last panel (if needed) to allow 1" leg to be bent up to receive gable trim.
- Place firmly over rib (or field formed leg).
- Overlap flashing 2" to 3" top over bottom and place 1/8" bead of caulk under lap.
- Fasten to fascia board every 24" with woodfast screw.
- Consider using compensating gable if roof is out of square or to avoid cutting very narrow panel for the ending panel.
- Compensating gable flashing will allow installation to begin or end, up to 2" from gable edge.

Easy Lock

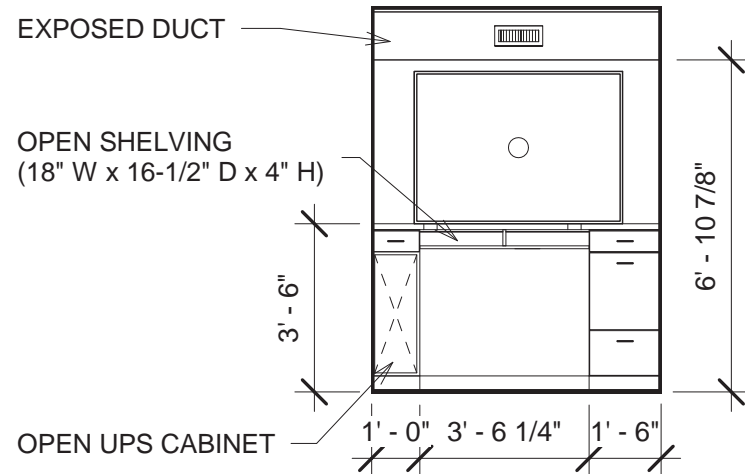
Easy Lock Flashings: 10'



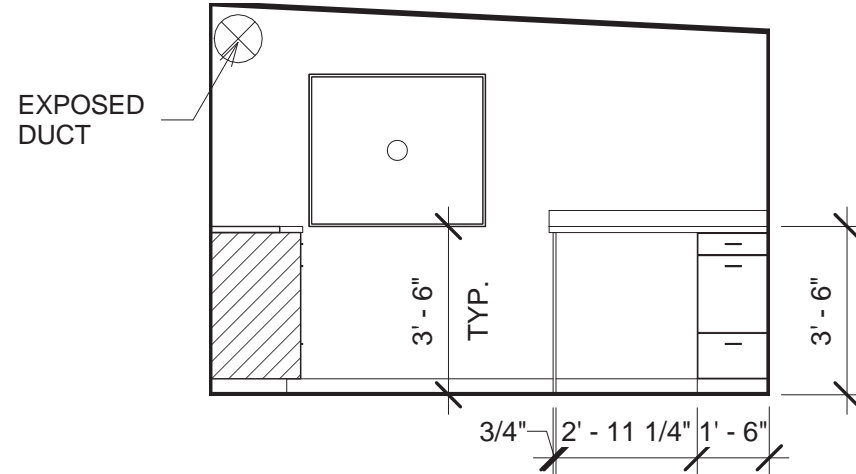
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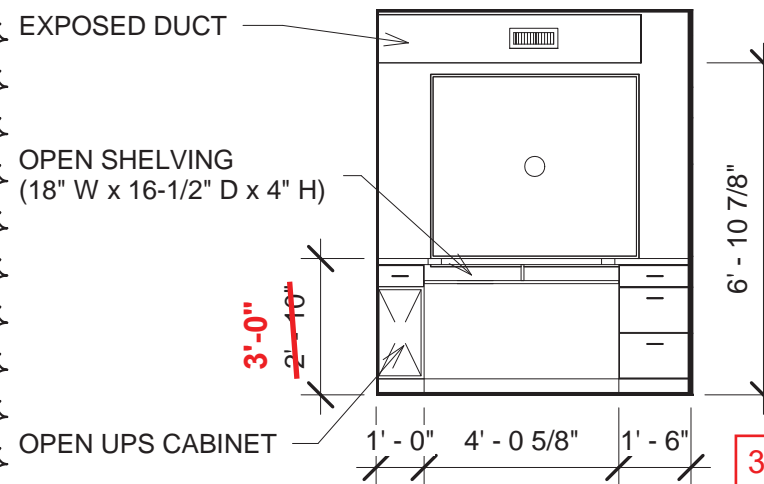
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					PROJ. 13' x 40' MODULAR OFFICE		SHEET #
					HOFFMAN TICKET BOOTH		A 3.6
					ADDRESS 841 ALASKAN WAY, SEATTLE, WA 98104		DRW LA DATE 4/16/19



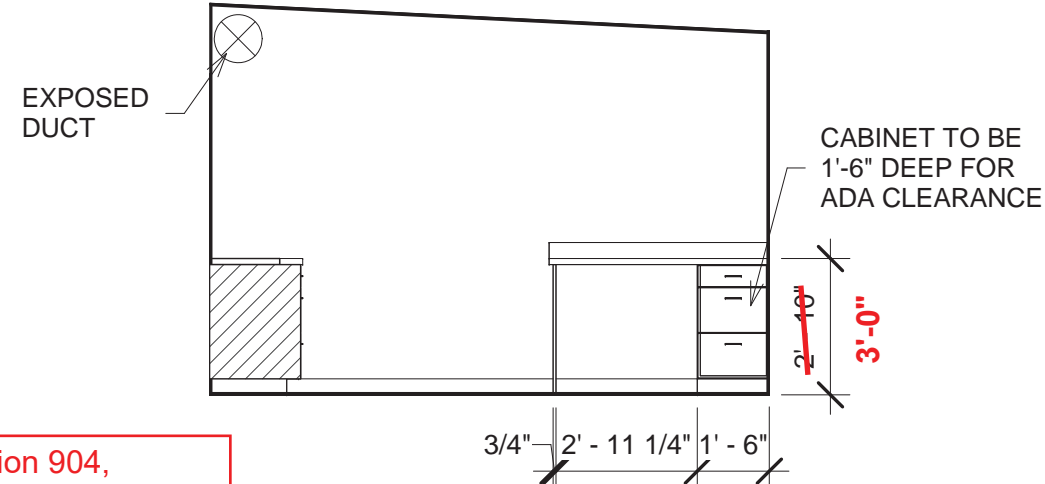
① T.B. #3 - SOUTH
1/4" = 1'-0"



② T.B. #3 - WEST
1/4" = 1'-0"



③ T.B. #1 - SOUTH
1/4" = 1'-0"



④ T.B. #1 - WEST
1/4" = 1'-0"

3'-0" per Section 904, Guidance on the 2010 ADA Standards for Accessible Design. This is a service counter to serve the public.

INTERIOR ELEVATION NOTES

- DIMENSIONS TO FLOOR, WALLS AND CEILING ARE TO FACE OF FINISH (U.N.O.)
- PROVIDE BLOCKING FOR ALL ACCESSORIES MOUNTED IN GYPSUM BOARD PARTITIONS. MAINTAIN INTEGRITY OF FIRE RATING WHERE ACCESSORIES ARE IN RATED WALLS.

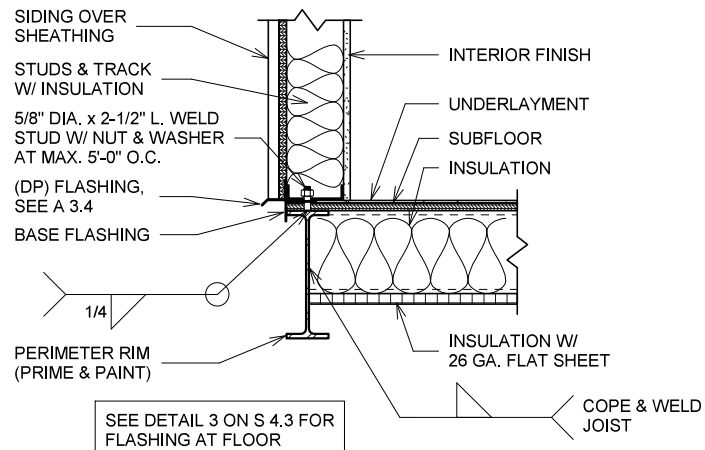
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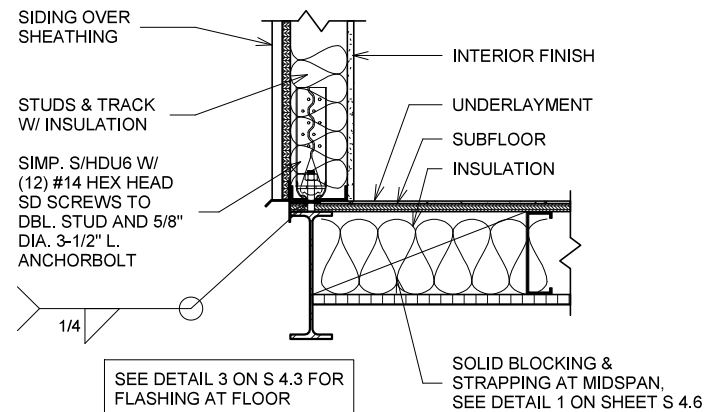
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							PROJ. 13' x 40' MODULAR OFFICE		SHEET #
							HOFFMAN TICKET BOOTH		A 4.0
							ADDRESS 841 ALASKAN WAY, SEATTLE, WA 98104		DATE 4/16/19
							DRW LA		

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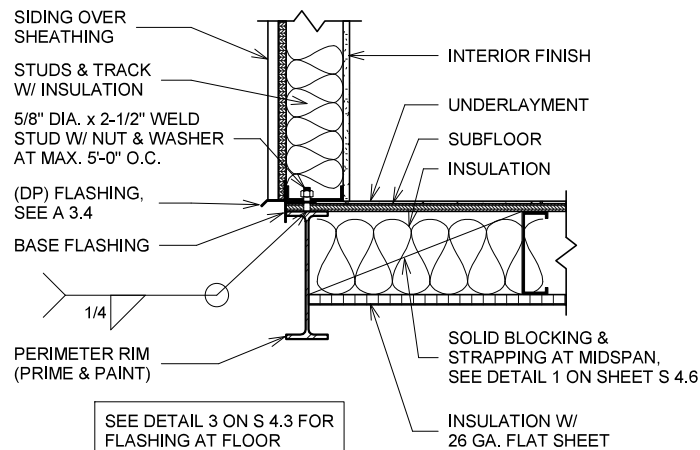
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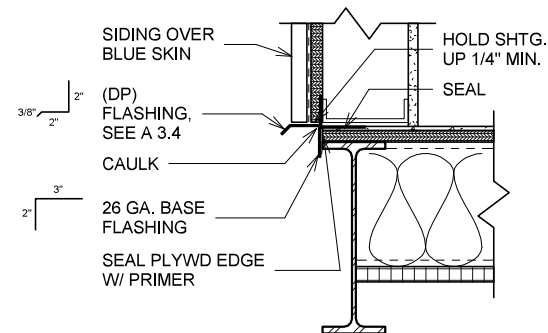
① SIDEWALL FLOOR
1" = 1'-0"



③ ENDWALL HOLD DOWN
1" = 1'-0"



② ENDWALL FLOOR
1" = 1'-0"



④ FLOOR WALL FLASHING
1 1/2" = 1'-0"

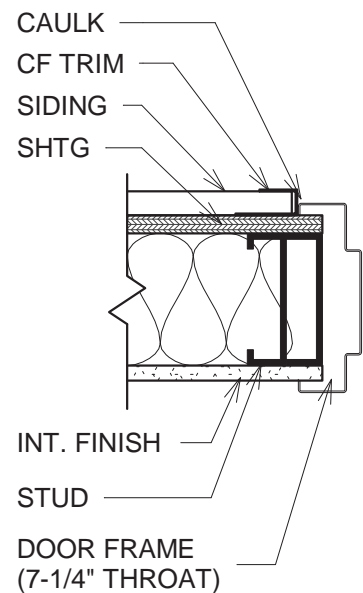
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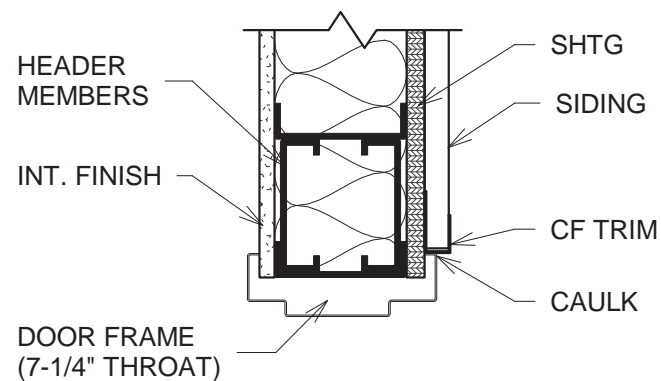
REV.	DESCRIPTION	DATE	BY	SHEET	DETAILS	JOB#	2019-AR-42
				PROJ.	13' x 40' MODULAR OFFICE	SHEET #	
					HOFFMAN TICKET BOOTH	S 4.3	
				ADDRESS	841 ALASKAN WAY, SEATTLE, WA 98104	DRW	LA
						DATE	4/16/19

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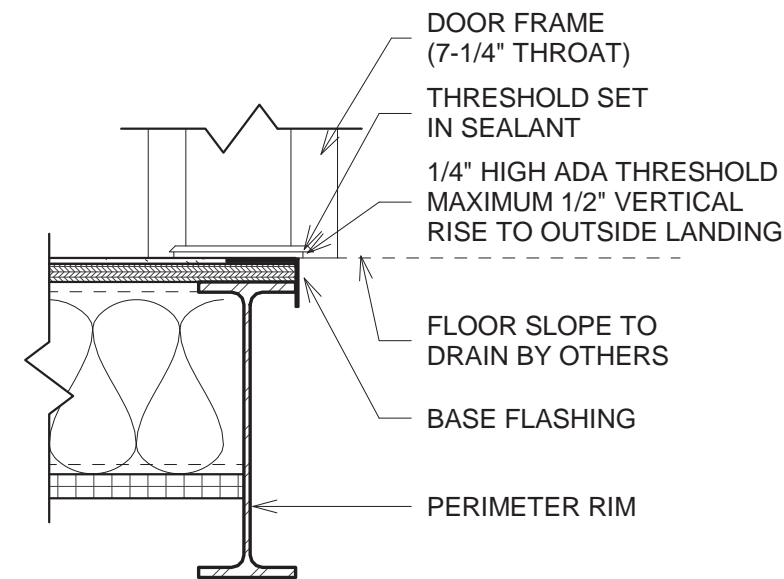
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MODERN BUILDING SYSTEMS, INC.
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JAMB

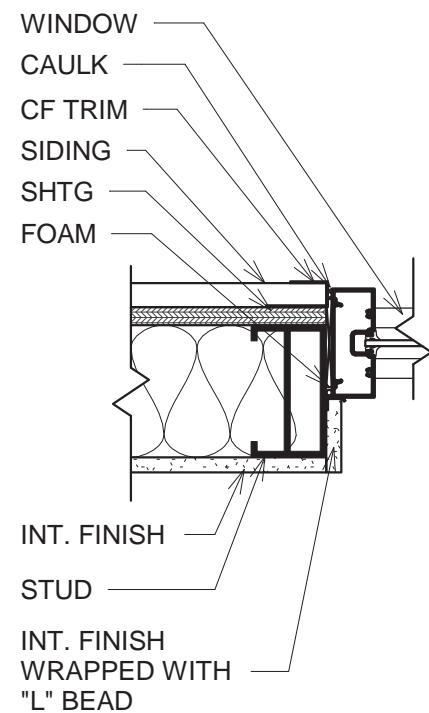


HEAD

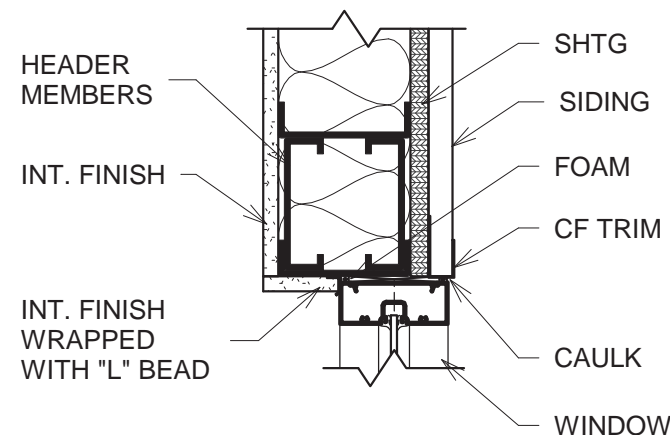


THRESHOLD

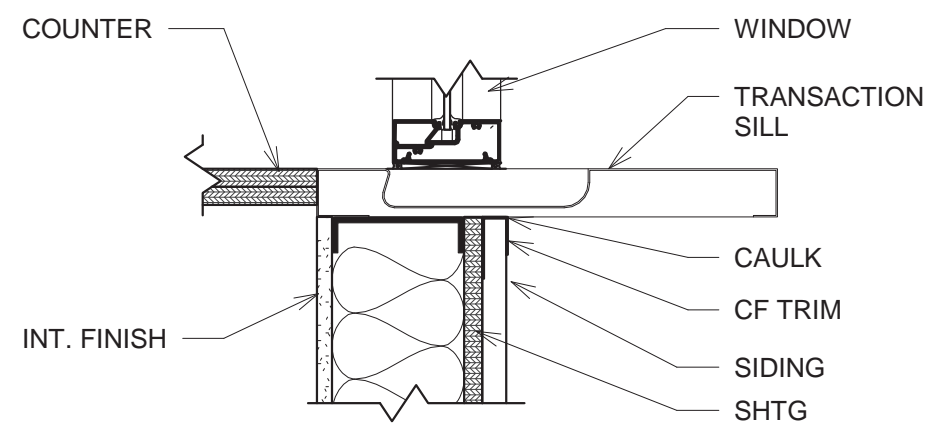
1 EXTERIOR DOOR DETAILS
1 1/2" = 1'-0"



JAMB



HEAD



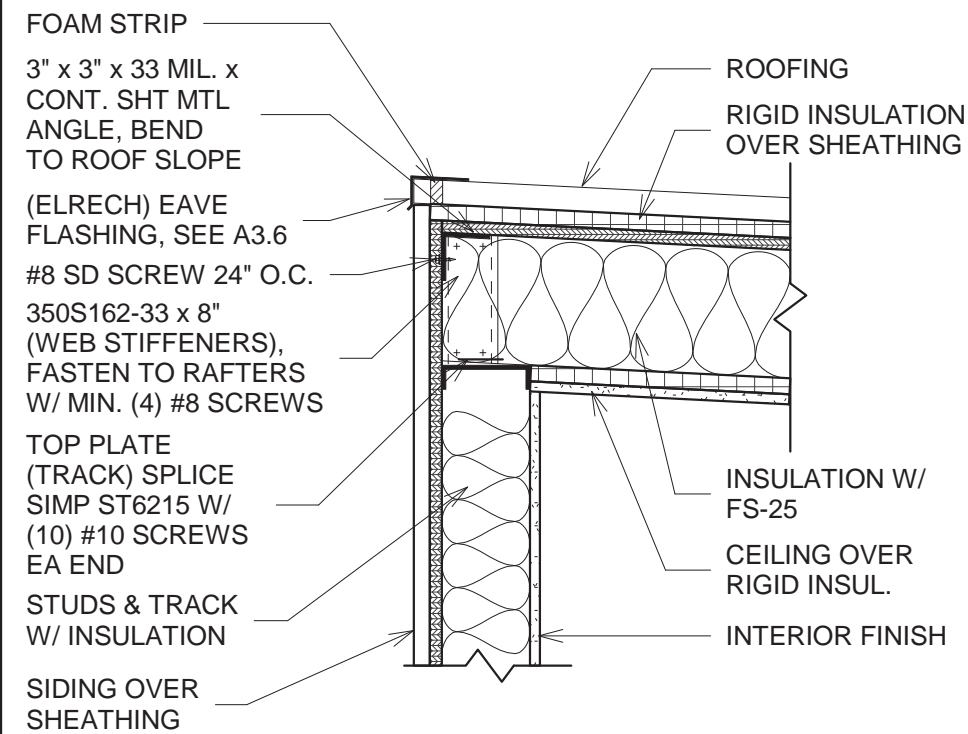
SILL

2 WINDOW DETAILS
1 1/2" = 1'-0"

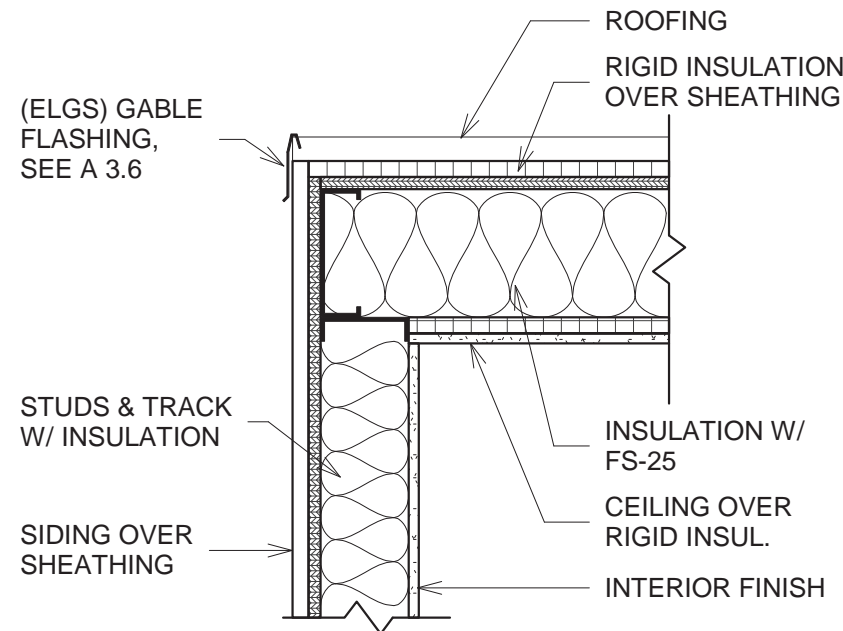
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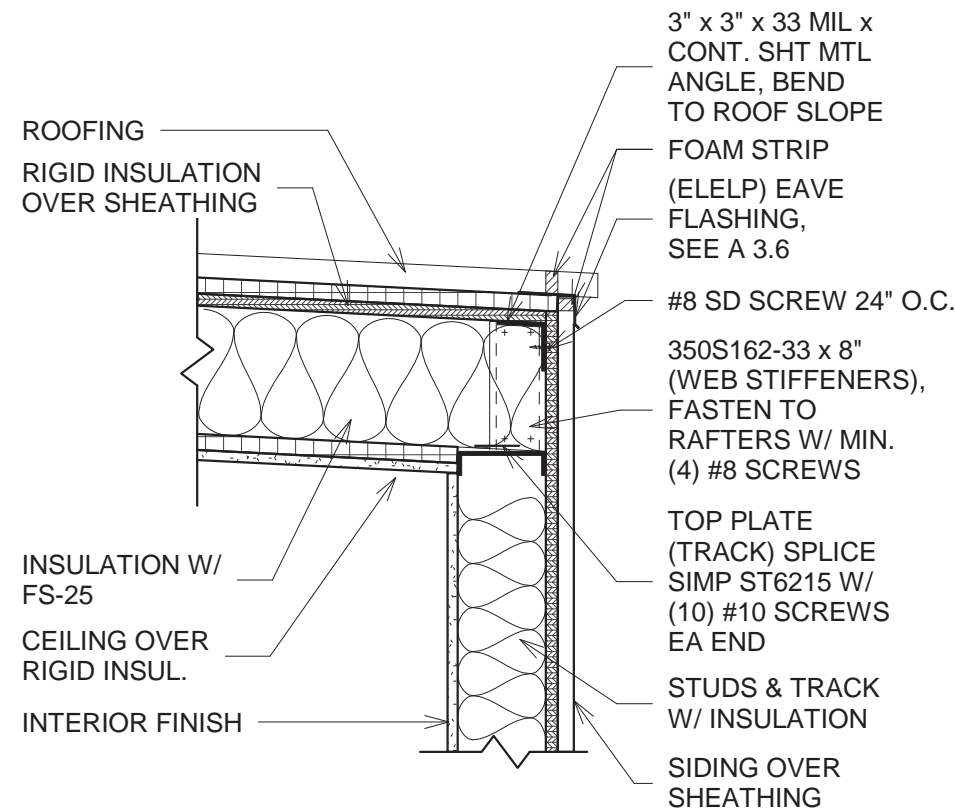
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1	CUSTOMER	TBD	LA <th>PROJ.</th> <td>13' x 40' MODULAR OFFICE HOFFMAN TICKET BOOTH</td> <th>SHEET # A 5.0</th>		PROJ.	13' x 40' MODULAR OFFICE HOFFMAN TICKET BOOTH	SHEET # A 5.0
					ADDRESS 841 ALASKAN WAY, SEATTLE, WA 98104		DRW LA DATE 4/16/19



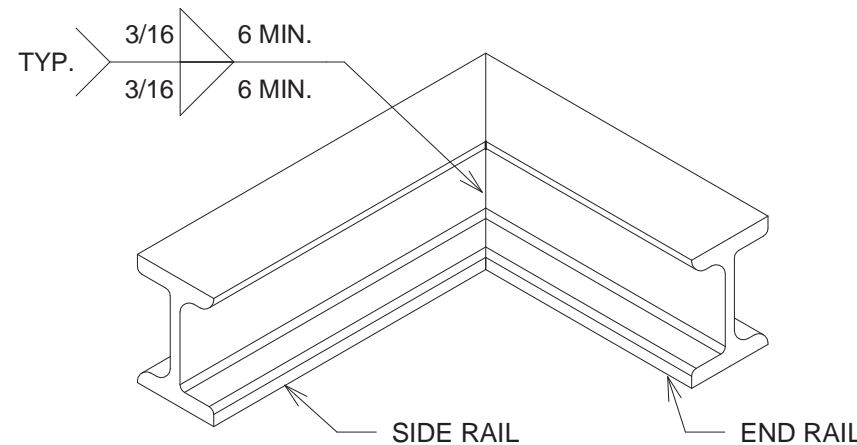
① SIDEWALL EAVE (HIGH END)
1" = 1'-0"



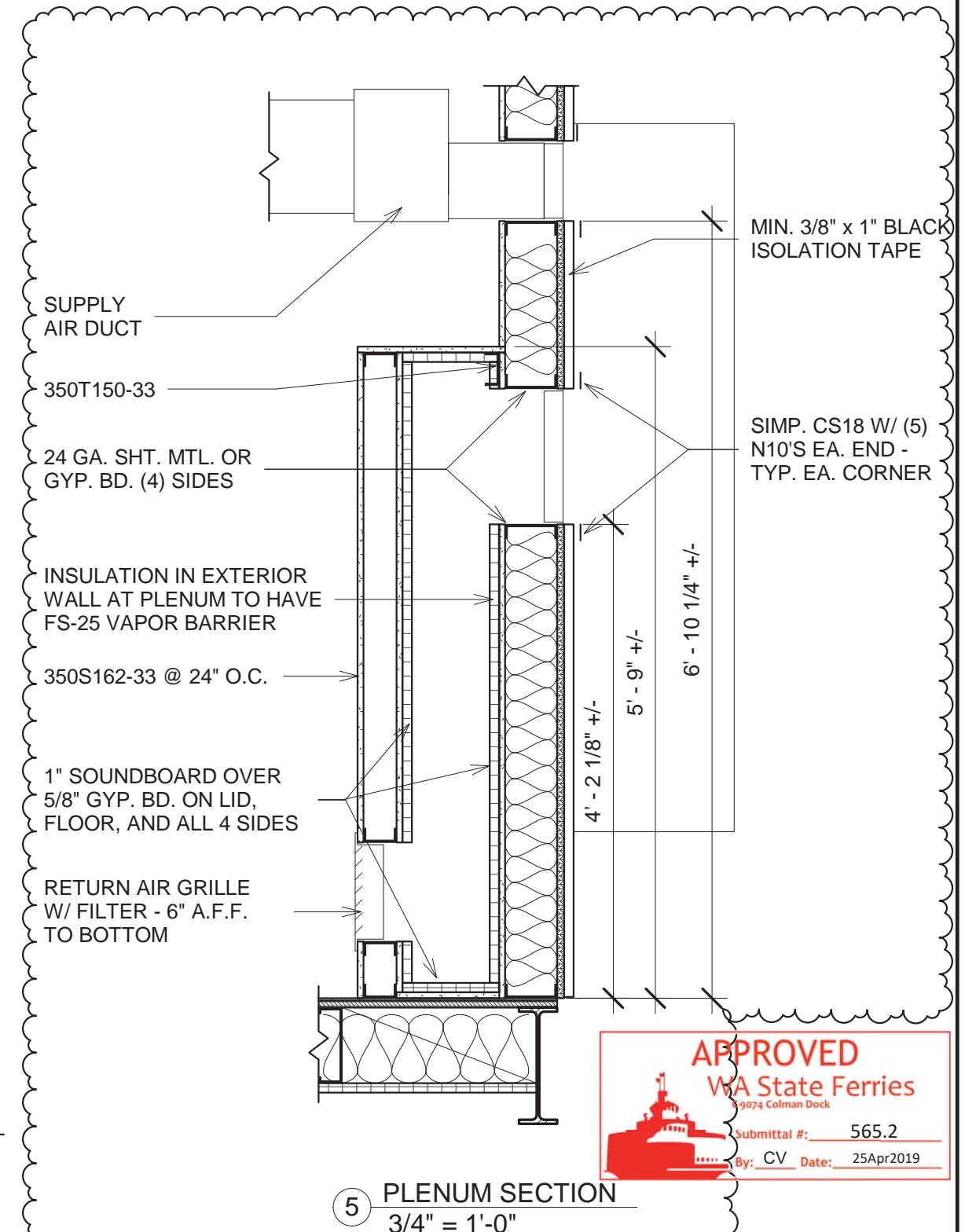
③ ENDWALL GABLE
1" = 1'-0"



② SIDEWALL EAVE (LOW END)
1" = 1'-0"



④ FLOOR RIM
NTS



⑤ PLENUM SECTION
3/4" = 1'-0"

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1	CUSTOMER	TBD	LA

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SHEET	DETAILS	JOB#	2019-AR-42
PROJ.	13' x 40' MODULAR OFFICE HOFFMAN TICKET BOOTH	SHEET #	S 4.4
ADDRESS	841 ALASKAN WAY, SEATTLE, WA 98104	DATE	4/16/19



ELECTRICAL SYMBOLS LEGEND

SYMBOL	DESCRIPTION	HEIGHT ¢ (U.N.O)
	DUPLEX RECEPTACLE +17" A.F.F. (U.N.O.) GFCI = GROUND FAULT CIRCUIT INTERRUPTER WP = IN USE WEATHERPROOF COVER WR = WATER RESISTANT RECEPTACLE	+17"
	CONTROLLED DUPLEX RECEPTACLE 50% OF RECEPTACLE CONTROLLED BY SENSOR AND VISIBLY DIFFERENTIATED PER WSEC 405.10 TR = TAMPER RESISTANT	+17"
	4-PLEX RECEPTACLE	+17"
	CONTROLLED RECEPTACLE POWER PACK	-
	DISCONNECT	-
	THERMOSTAT	+48" TOP
	PHONE/DATA BOX: - 3/4" CONDUIT UP (RACEWAY ONLY)	-

LIGHTING SYMBOLS LEGEND

SYMBOL	DESCRIPTION	HEIGHT ¢ (U.N.O)
	4-1/2" x 4' LED SURFACE FIXTURE W/ INTEGRAL nLIGHT DAYLIGHT AND OCCUPANCY SENSORS AND 90 MIN. BATTERY BACK-UP	CEILING
	8" x 8" LED SURFACE FIXTURE - CONTINUOUS DIMMING DL-P = DAYLIGHT ZONE - PRIMARY DL-S = DAYLIGHT ZONE - SECONDARY	CEILING
	EXTERIOR LED WALL MOUNT LIGHT FIXTURE PC = PHOTOCELL WP = WEATHERPROOF	+86"
	LIGHTING CONTROL WALL SWITCH	+48" TOP

ELECTRICAL NOTES

1. CONDUIT SHALL BE ELECTRICAL METALLIC TUBING AND METAL CLAD CABLE

2. EXTERIOR RECEPTACLES SHALL BE WEATHER RESISTANT TYPE W/ IN USE WEATHERPROOF COVER

3. FLUORESCENT LUMINAIRES WITH DOUBLE ENDED LAMPS THAT CAN BE SERVICED IN PLACE AND SHALL HAVE AN INTERNAL OR EXTERNAL DISCONNECT PER NEC 410.130G

4. BUILDING SERVICE SHALL BE SERVED BY ONLY ONE SERVICE OR FEEDER PER NEC 225.30 AND 230.2

5. SERVICE OR FEEDER DISCONNECT SHALL BE INSTALLED PER NEC 230.70. FOR BUILDINGS IN THE STATE OF WASHINGTON SERVICE OR FEEDER DISCONNECT SHALL BE INSTALLED PER WAC 296-46B-230

6. PERMANENT MEANS OF LOCKING OUT DISCONNECT TO MECHANICAL UNIT(S) SHALL BE PROVIDED PER NEC 424.19

7. PERMANENT MEANS OF LOCKING OUT DISCONNECT TO WATER HEATER(S) SHALL BE PROVIDED PER NEC 422.31(B)

8. GASKET ALL EXTERIOR WALL BOX PLATE COVERS

9. PER NEC 110.26D, ILLUMINATION FOR PANEL BOARDS, SWITCH-BOARDS, AND SERVICE EQUIPMENT SHALL NOT BE CONTROLLED BY AUTOMATIC MEANS ONLY. A MANUAL MEANS TO BYPASS THE AUTOMATIC CONTROL IS REQUIRED.

10. PER NEC 406.9(B)(1) 15 AND 20 AMP RECEPTACLES INSTALLED IN WET LOCATION SHALL HAVE AN ENCLOSURE THAT WEATHER-PROOF WHETHER OR NOT THE ATTACHMENT PLUG CAP IS INSERTED. AN OUTLET BOX HOOD INSTALLED FOR THIS PURPOSE SHALL BE LISTED AND SHALL BE IDENTIFIED AS EXTRA DUTY". RECEPTACLES SHALL BE LISTED AS WEATHER-RESISTANT TYPE.
11. PER NEC 110.26, WORKING SPACE FOR EQUIPMENT OPERATING AT 600 VOLTS, NOMINAL, OR LESS TO GROUND AND LIKELY TO REQUIRE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE WHILE ENERGIZED SHALL COMPLY WITH THE DIMENSIONS OF 110.26(A)(1), (A)(2), AND (A)(3)

12. PER NFPA 72, NEC 760 AND WAC 296-46B-760 DEVICE AND JUNCTION BOXES FOR FIRE ALARM SYSTEMS OTHER THAN SURFACE RACEWAY TYPE MUST BE SUBSTANTIALLY RED IN COLOR BOTH INSIDE AND OUTSIDE. POWER LIMITED FIRE PROTECTIVE SIGNALING CIRCUIT CONDUCTORS MUST BE DURABLY AND PLAINLY MARKED IN OR ON JUNCTION BOXES OR OTHER ENCLOSURES TO INDICATE THAT IT IS POWER LIMITED FIRE PROTECTIVE SIGNALING CIRCUIT.

13. PER NEC 110.22 AND WAC 296-46B-220-032 IDENTIFICATION PLATES ON DISCONNECTING MEANS ARE TO SHOW DESIGNATION OF CIRCUIT SOURCE PANEL BOARD THAT SUPPLIES DISCONNECT AND IDENTIFY WHAT IT IS DISCONNECTING. MUST BE AN IDENTIFICATION PLATE

14. PER NEC 406.3E, ALL NONLOCKING TYPE, 125 VA, 15 AMP, AND 20 AMP RECEPTACLES THAT ARE CONTROLLED BY AN AUTOMATIC CONTROL DEVICE, OR THAT INCORPORATE CONTROL FEATURES THAT REMOVE POWER FROM THE OULET FOR THE PURPOSE OF ENERGY MANAGEMENT OR BUILDING AUTOMATION, SHALL BE MARKED WITH THE SYMBOL SHOWN IN FIGURE 406.3E AND LOCATED ON THE CONTROLLED RECEPTACLE OUTLET WHERE VISIBLE AFTER INSTALLATION

LIGHTING PLAN NOTES

1. THIS BUILDING PROVIDES LIGHTING "ADDITIONAL EFFICIENCY PACKAGE OPTIONS" PER C406.3 AND C406.4, TO INCLUDE WAC 51-11C, SECTION C406.4 #2, EXCEPTION #3

2. LIGHT LEVELS TO MEET WAC 246-366-115 TABLE 2

3. OCCUPANCY SENSOR(S) IN EACH ROOM WILL BE WIRED TO CONTROL ALL LIGHT FIXTURES IN THAT ROOM.

4. LIGHT WIRING AS SHOWN IS FOR GENERAL CONTROL CLARIFICATION ONLY. ACTUAL WIRING FOR CONTROLS (I.E.: SWITCHES, OCCUPANCY SENSORS AND DAYLIGHT SENSORS) SHALL BE PER CONTROL MANUFACTURER'S SPECIFICATIONS AND AS NECESSARY TO MEET THE CODE REQUIREMENTS FOR EACH CONTROL AND THE LIGHT FIXTURES CONNECTED TO IT.

5. DAYLIGHTING AND OCCUPANCY SENSORS ARE INTEGRAL TO EACH LIGHT FIXTURE AS SHOWN AND PROGRAMMED TO COVER EACH DAYLIGHT ZONE. OCCUPANCY SENSORS ARE PROGRAMMED TO CONTROL ALL FIXTURES IN THE SPACE

APPROVED

WA State Ferries

C9074 Colman Dock

Submittal #:

565.2

By:

CV

Date:

25 Apr 2019

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1	CUSTOMER	TBD	LA		PROJ. 13' x 40' MODULAR OFFICE HOFFMAN TICKET BOOTH		SHEET # E 0.1
					ADDRESS 841 ALASKAN WAY, SEATTLE, WA 98104	DRW LA	DATE 4/16/19

LIGHT FIXTURE WIRING LEGEND

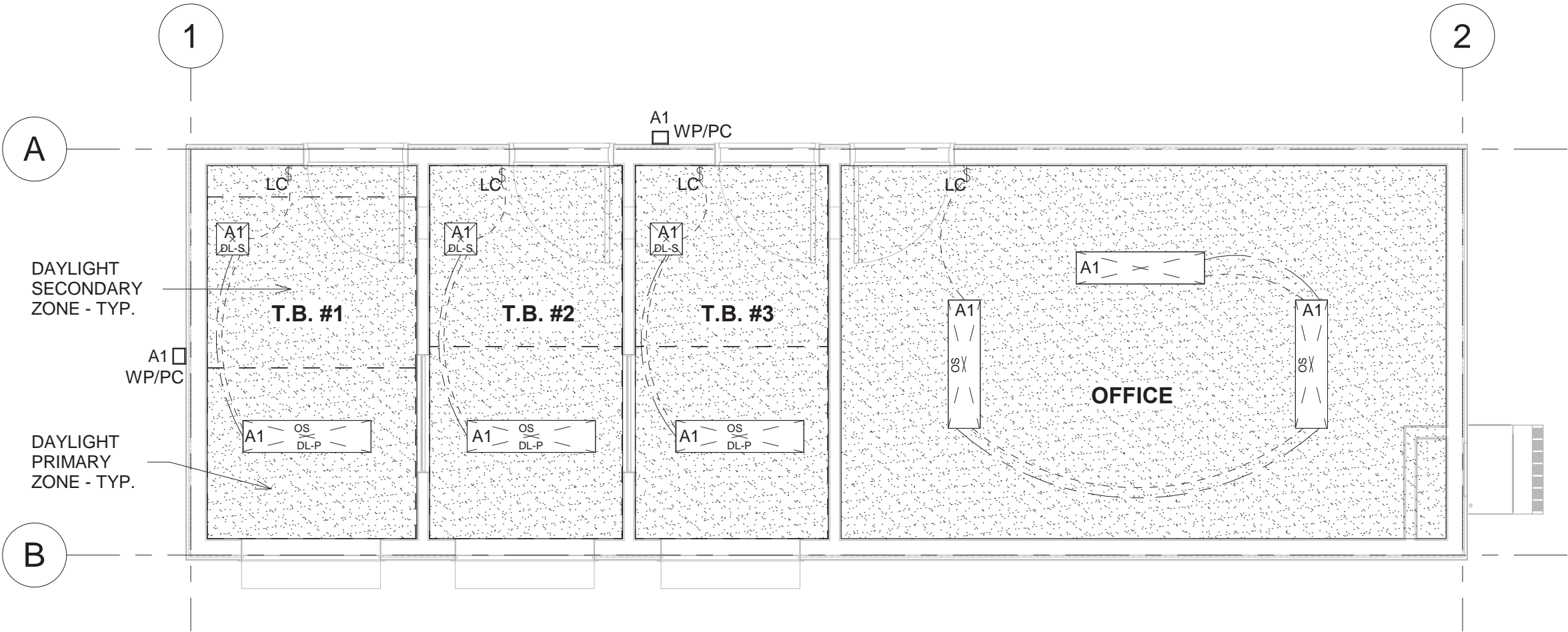
----- 120V POWER
- - - - CAT5 CABLE

ELECTRICAL LIGHTING SUMMARY

TICKET BOOTHS	40 WATT x (3) = 120 WATTS
TICKET BOOTHS	14 WATT x (3) = 42 WATTS
OFFICE	40 WATT x (3) = 120 WATTS
TOTAL INTERIOR INPUT WATTS = 282 WATTS	
EXTERIOR LIGHTING	17 WATT x (2) = 34 WATTS
TOTAL EXTERIOR INPUT WATTS = 34 WATTS	

CONTINUOUS DIMMING PER WSEC C406.4
(282/282 = 100%) = NOT LESS THAN 90%

REDUCED LIGHTING POWER DENSITY MEETS WSEC C406.3
(282) WATTS ≤ (288) WATTS = (75%) x (0.89 WATT/FT²) x 431/FT²)



1 LIGHTING PLAN
1/4" = 1'-0"

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					PROJ. 13' x 40' MODULAR OFFICE HOFFMAN TICKET BOOTH	SHEET # E 2.0	
					ADDRESS 841 ALASKAN WAY, SEATTLE, WA 98104	DRW LA DATE 4/16/19	

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1	CUSTOMER	TBD	LA		PROJ.	13' x 40' MODULAR OFFICE HOFFMAN TICKET BOOTH		SHEET #	E 3.0	
					ADDRESS	841 ALASKAN WAY, SEATTLE, WA 98104	DRW	LA	DATE	4/16/19

HVAC EQUIPMENT SCHEDULE

Mark	Count	Description	Manufacturer	Model	Heating Efficiency	Cooling Efficiency	Weight (LBS)	Heating Capacity (Btu/h)	Cooling Capacity (Btu/h)	CFM	MCA	MOP	Volts	Phase	Notes
MECH UNIT	1	1.5 TON WALL MOUNT HEAT PUMP	BARD	W18HA	COP = 3.00	EER = 10.2	330	16,500	17,100	600	37	40	230/208	1	4 kW HEAT STRIP AND ECONOMIZER

MECHANICAL NOTES

1. CONTROLS:
THERMOSTAT:
HONEYWELL TH8321R1001/U
2. DUCTWORK:
MATERIAL:
1" FIBERGLASS (R-4.3) OR 24 GA. SHEET METAL W/ 26 GA. SHEET METAL ROUNDS AND FLEX DUCT ROUNDS AT DIFFUSERS
INSULATING AND SEALING:
DUCTWORK TO BE INSULATED AND SEALED PER OEESC 503.2.7 AND WSEC C403.2.8.1 AND C403.2.8.2
CONSTRUCTION:
DUCTWORK TO BE CONSTRUCTED AS LOW PRESSURE DUCT SYSTEM PER OEESC 503.2.7.1.1 AND WSEC C403.2.8.3.1
3. VOLUME DAMPERS:
PROVIDE VOLUME DAMPERS TO CONTROL AIRFLOW AT EACH TAKE-OFF
4. DESIGN MECHANICAL EQUIPMENT TO MEET NC-35 NOISE CRITERION AND MECHANICAL BACKGROUND NOISE AT OR BELOW 45 DBA.
LOCATE BUILDINGS AWAY FROM NOISE AND POLLUTION SOURCES

DEDICATED OUTSIDE AIR SYSTEM (DOAS)

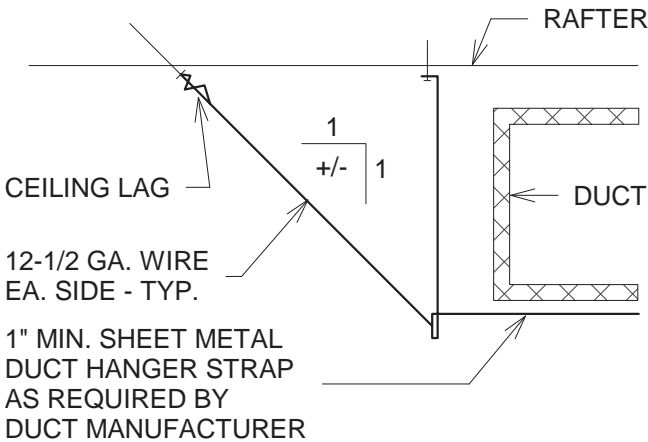
1. PROJECT MEETS WSEC C406.6 (DOAS) PER C403.6.1; C403.5.1 & TABLE C403.5.1(1) AT 10.2% OSA RATE TO FULL DESIGN FAN AIRFLOW RATE.
ERV NOT REQUIRED PER TABLE C403.5.1(1)
CLIMATE ZONE 4C, 5B

OUTSIDE AIR CALCULATION - UNIT A

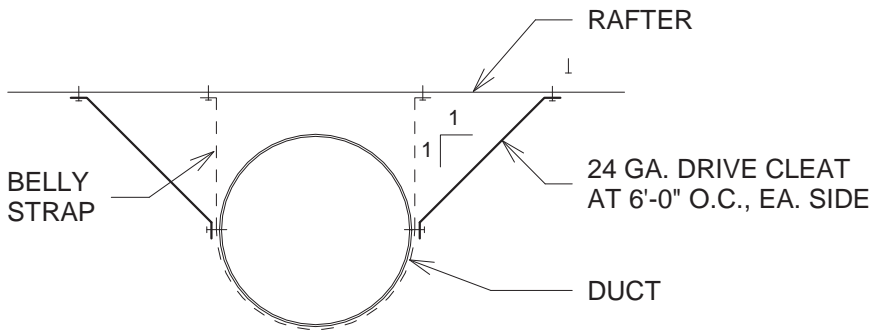
Name	Area	Occ. Density (#/1000 FT2)	People Airflow Rate (CFM/Person)	Area Outdoor Airflow Rate (CFM/FT2)	Exhaust Airflow Rate (CFM/FT2)	Qty. Flush Fixt.	Occ. Load	Occ. Airflow (CFM)	Area Airflow (CFM)	Exhaust Airflow (CFM)
OFFICE	231 SF	5	5	0.06	0	0	2	10	14	0
T.B. #1	86 SF	5	5	0.06	0	0	1	5	5	0
T.B. #2	78 SF	5	5	0.06	0	0	1	5	5	0
T.B. #3	78 SF	5	5	0.06	0	0	1	5	5	0
							5	25	28	0

HVAC SYMBOLS LEGEND

SYMBOL	DESCRIPTION	HEIGHT ¢ (U.N.O)
Ⓣ	THERMOSTAT	+48" TOP



1 DUCT SUPPORT
1" = 1'-0"

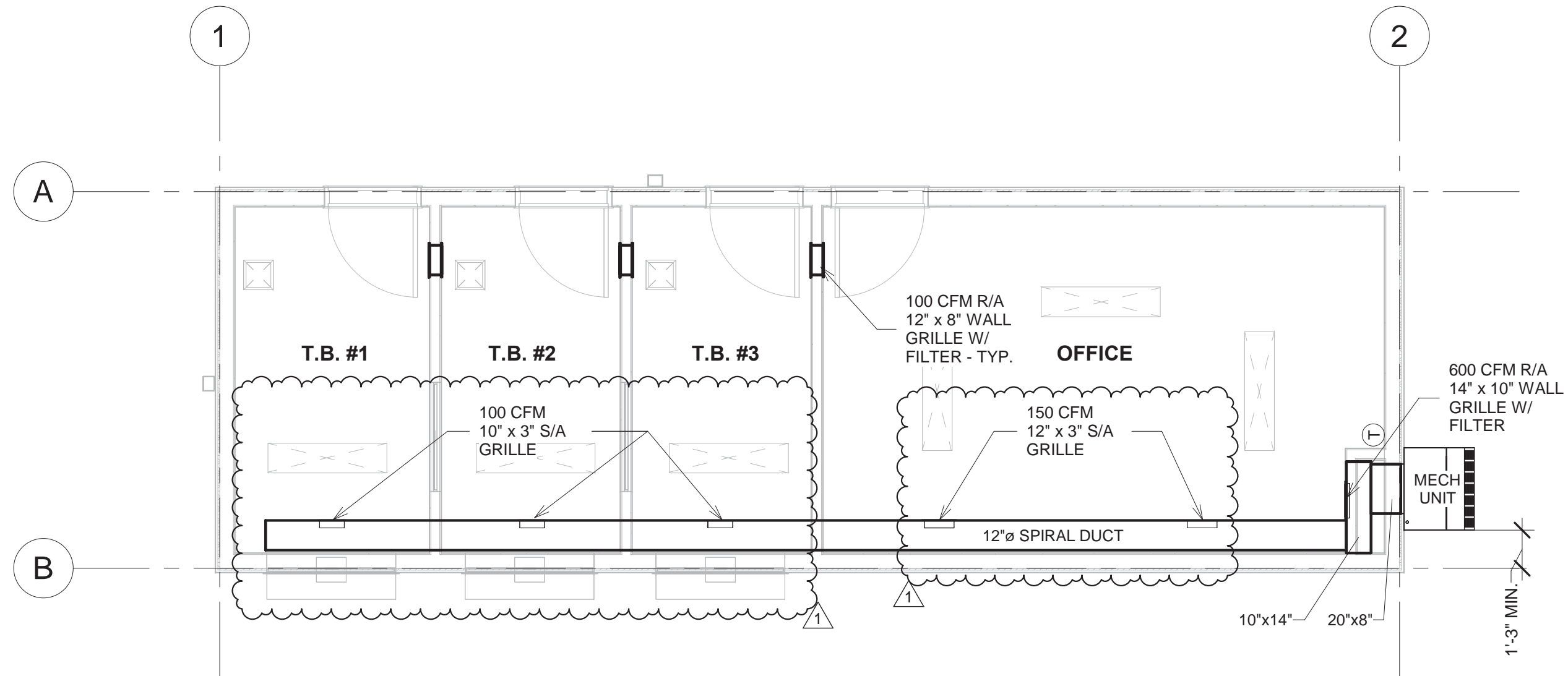



2 DUCT SUPPORT (ROUND)
1" = 1'-0"

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						PROJ. 13' x 40' MODULAR OFFICE HOFFMAN TICKET BOOTH			SHEET # M 0.1	
						ADDRESS 841 ALASKAN WAY, SEATTLE, WA 98104			DRW LA	DATE 4/16/19

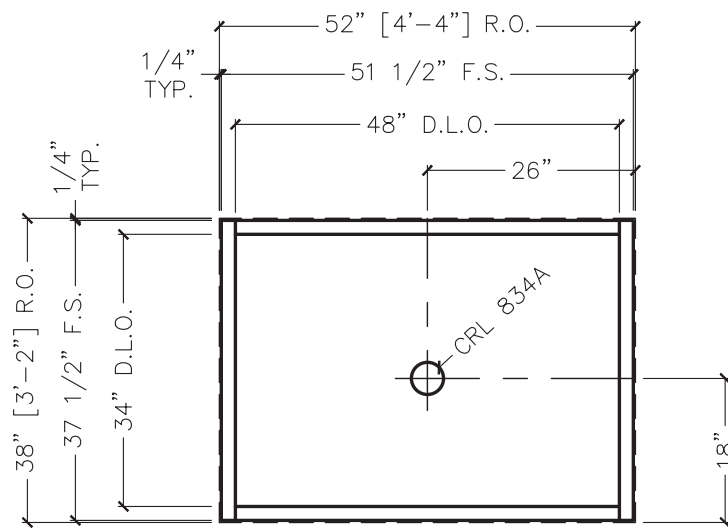



1 HVAC PLAN
 1/4" = 1'-0"

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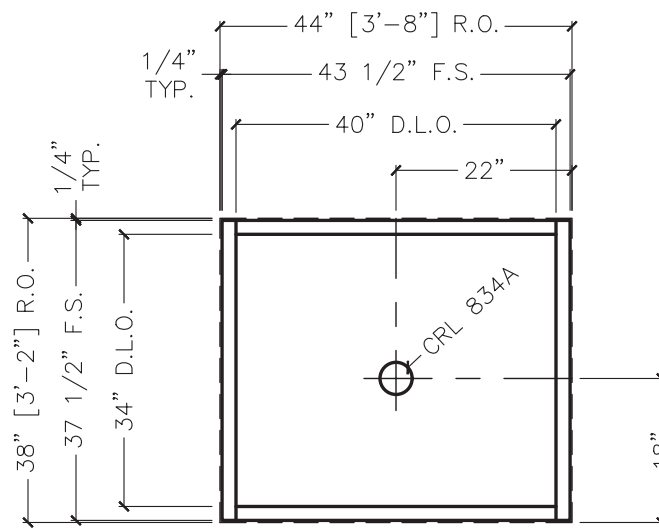


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1	CUSTOMER	TBD	LA		PROJ.	13' x 40' MODULAR OFFICE HOFFMAN TICKET BOOTH		SHEET #	M 1.0
					ADDRESS	841 ALASKAN WAY, SEATTLE, WA 98104		DRW	LA
								DATE	4/16/19



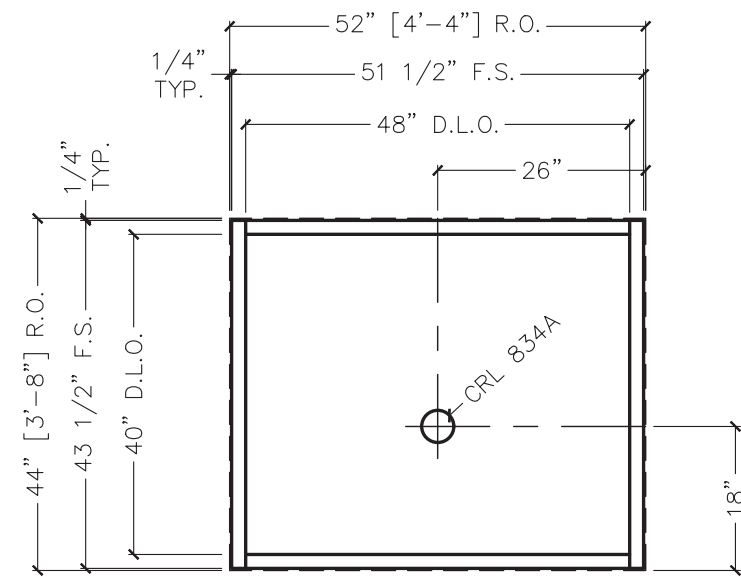
A Transaction Window Elevation
 301 --- ARCH. REF. 1/2" = 1'-0"
 QTY.: 2

Frame: Kawneer 450 Center Glazed Storefront
 Finish: Class 2 Clear Anodized
 Sealant: Spectrem II Anodized Aluminum
 Glass: 1/4" Clear Tempered



B Int. Transaction Window Elevation
 301 --- ARCH. REF. 1/2" = 1'-0"
 QTY.: 2

Window Between
 Booths Mark C per
 A1.0 and A3.2



c Transaction Window Elevation
 301 --- ARCH. REF. 1/2" = 1'-0"
 QTY.: 1

ADA Ticket Booth Customer
 Transaction Window Mark B
 per A1.0 and A3.2

FIELD VERIFY ALL
 DIMENSIONS

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